

FIG. 1

APPROVED O.G. FIG.
CLASS SUBCLASS
382 135
BY
DRAFTSMAN

362150-825

APPROVED BY DRAFTSMAN
 O.G. FIG.
 CLASS SUBCLASS

852150" 82592

2/53

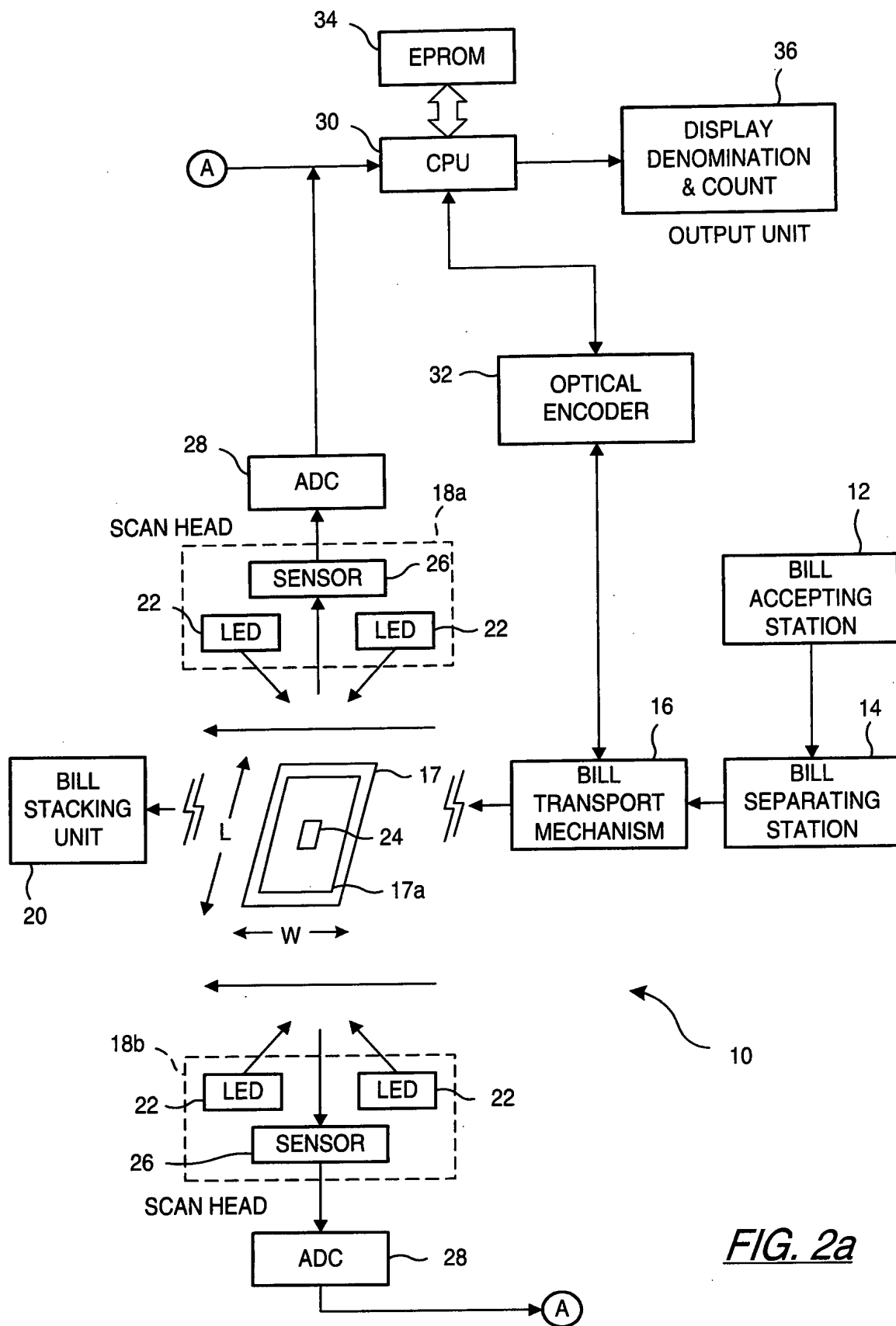


FIG. 2a

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

362T50" 82592060

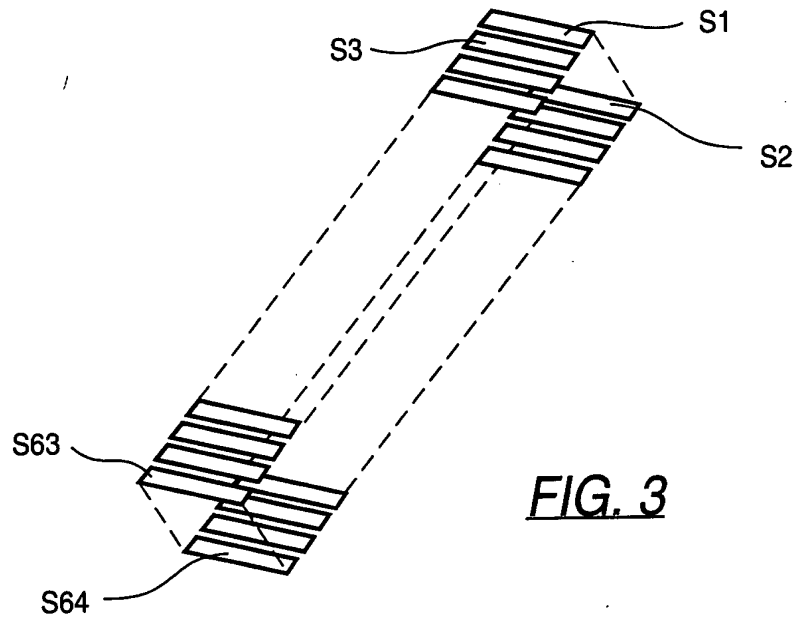


FIG. 3

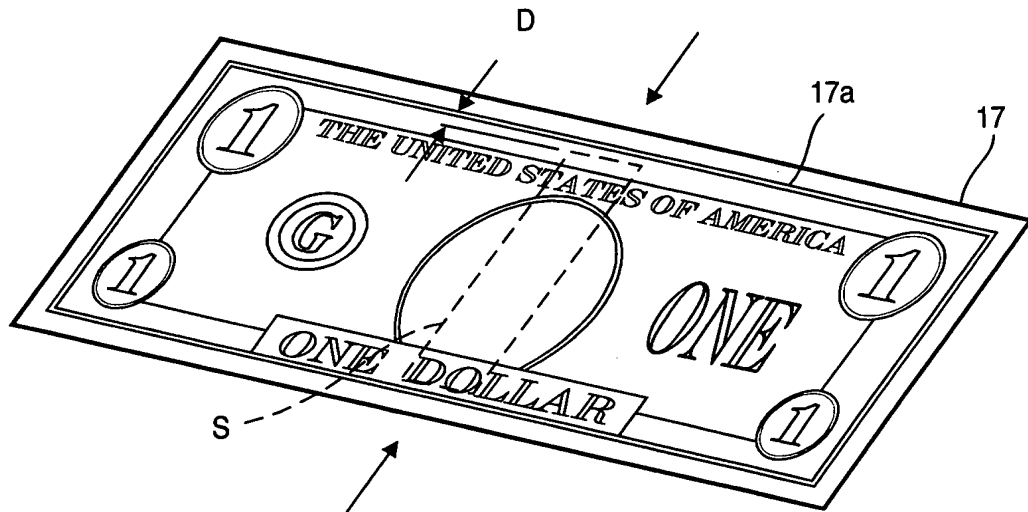


FIG. 4

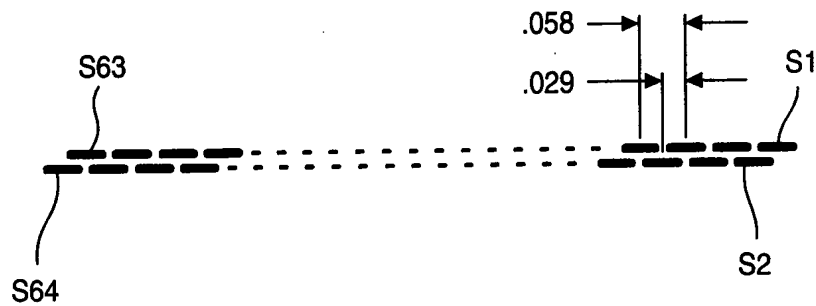


FIG. 5

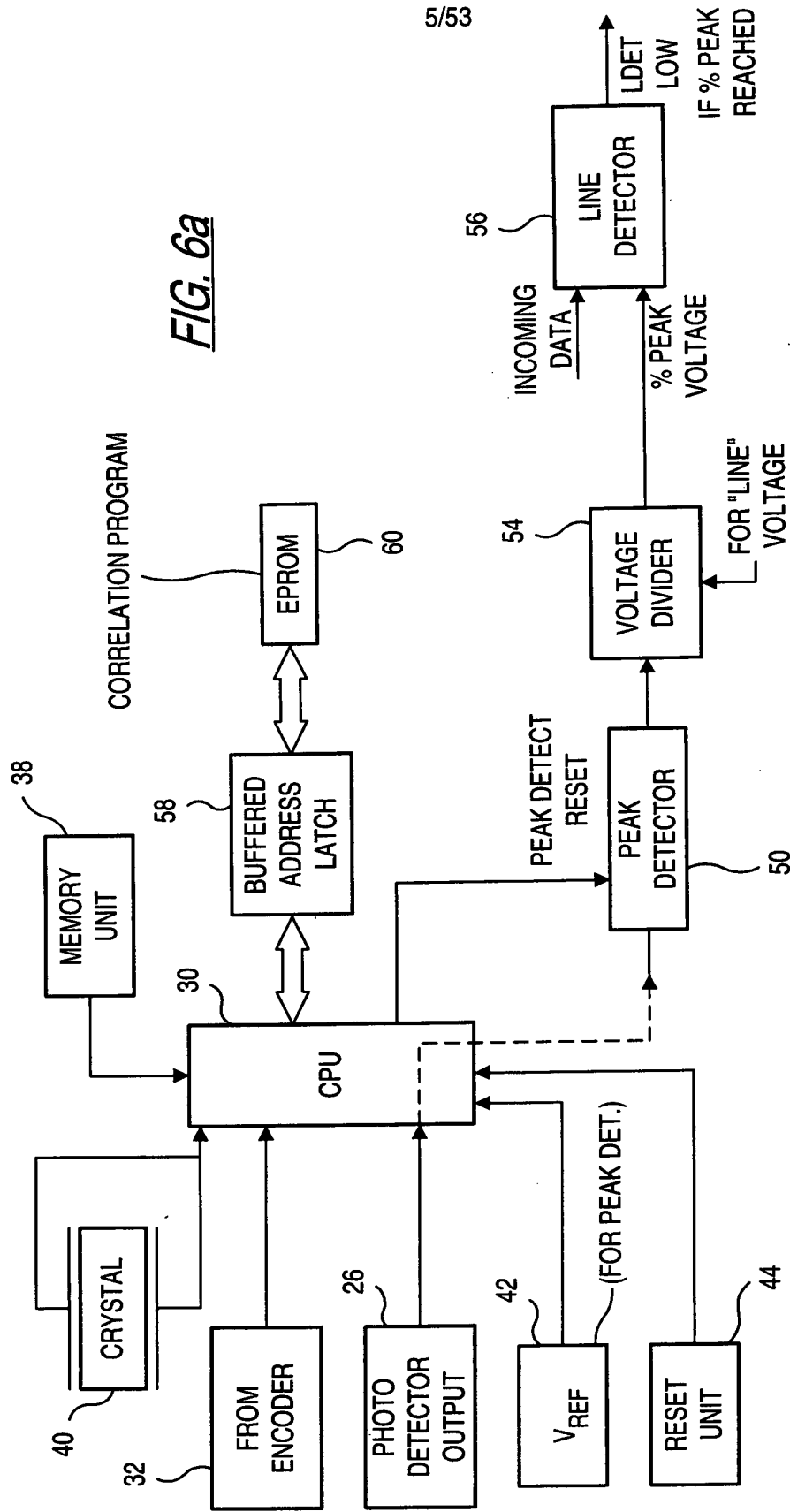
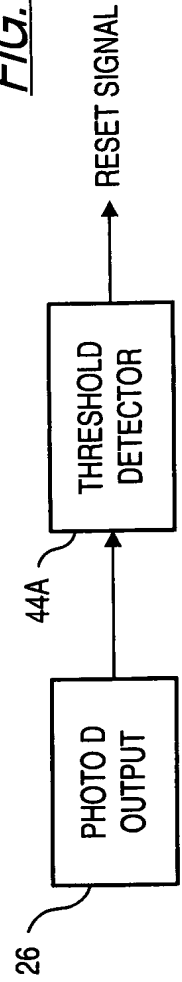


FIG. 6b



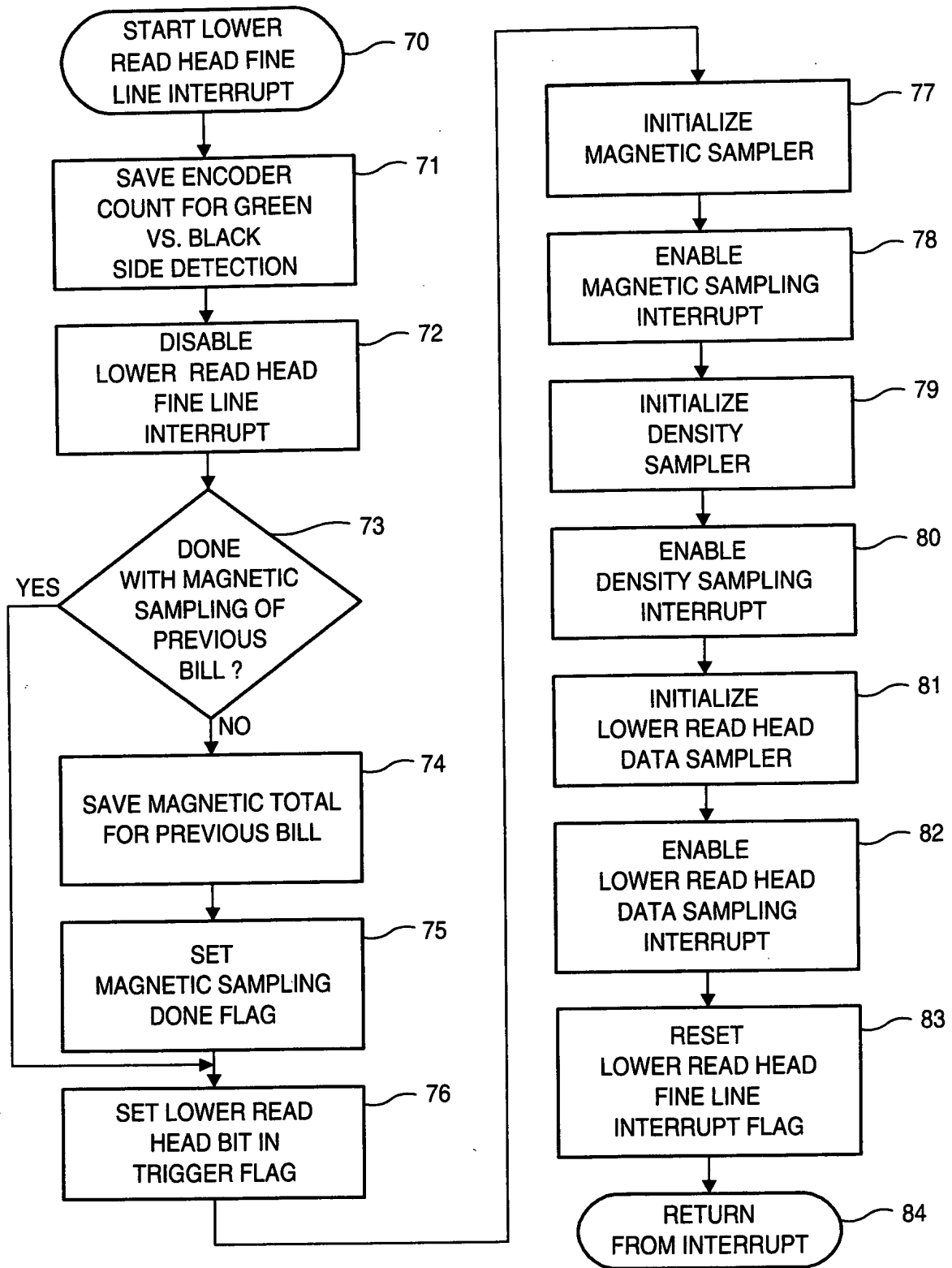
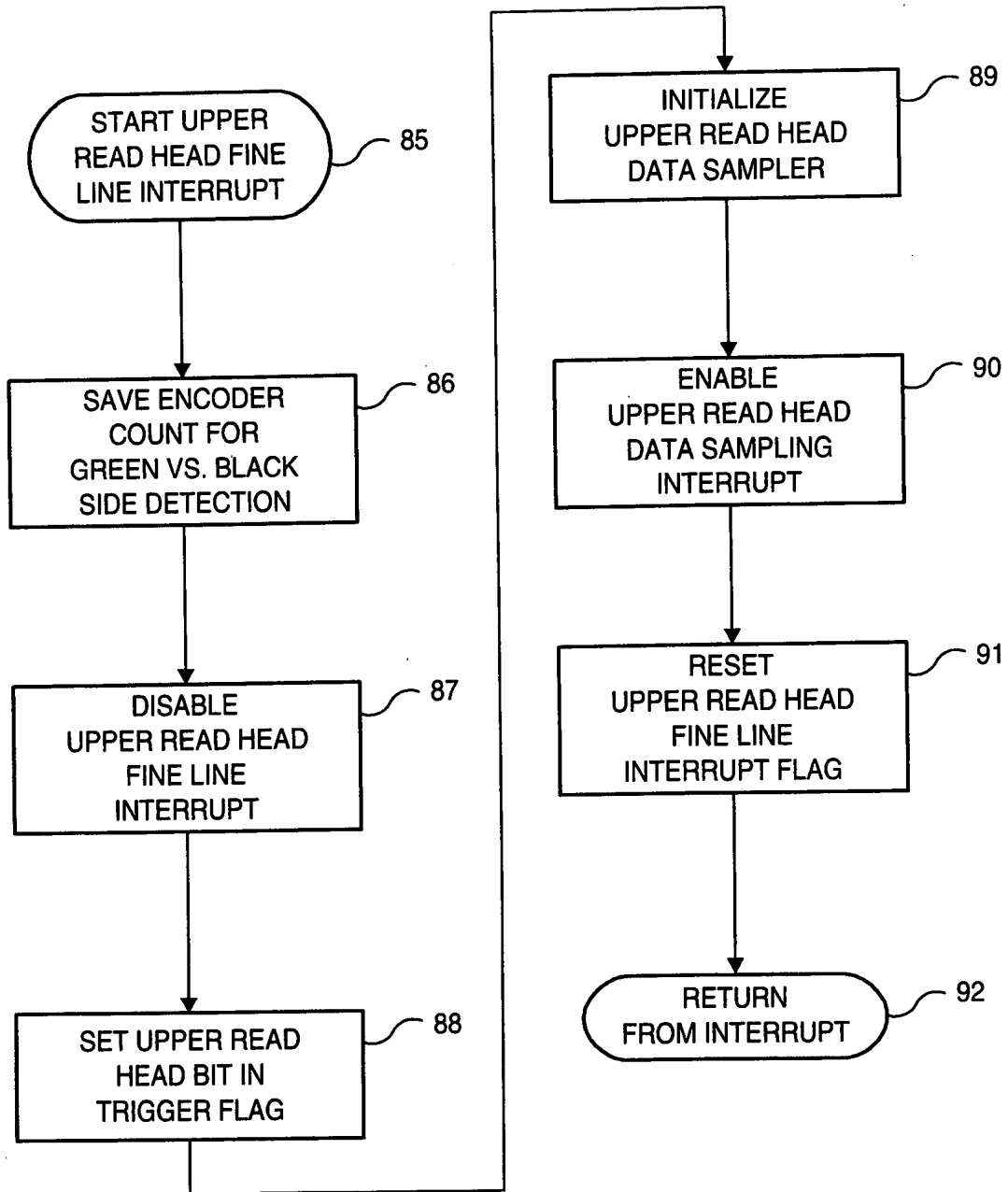
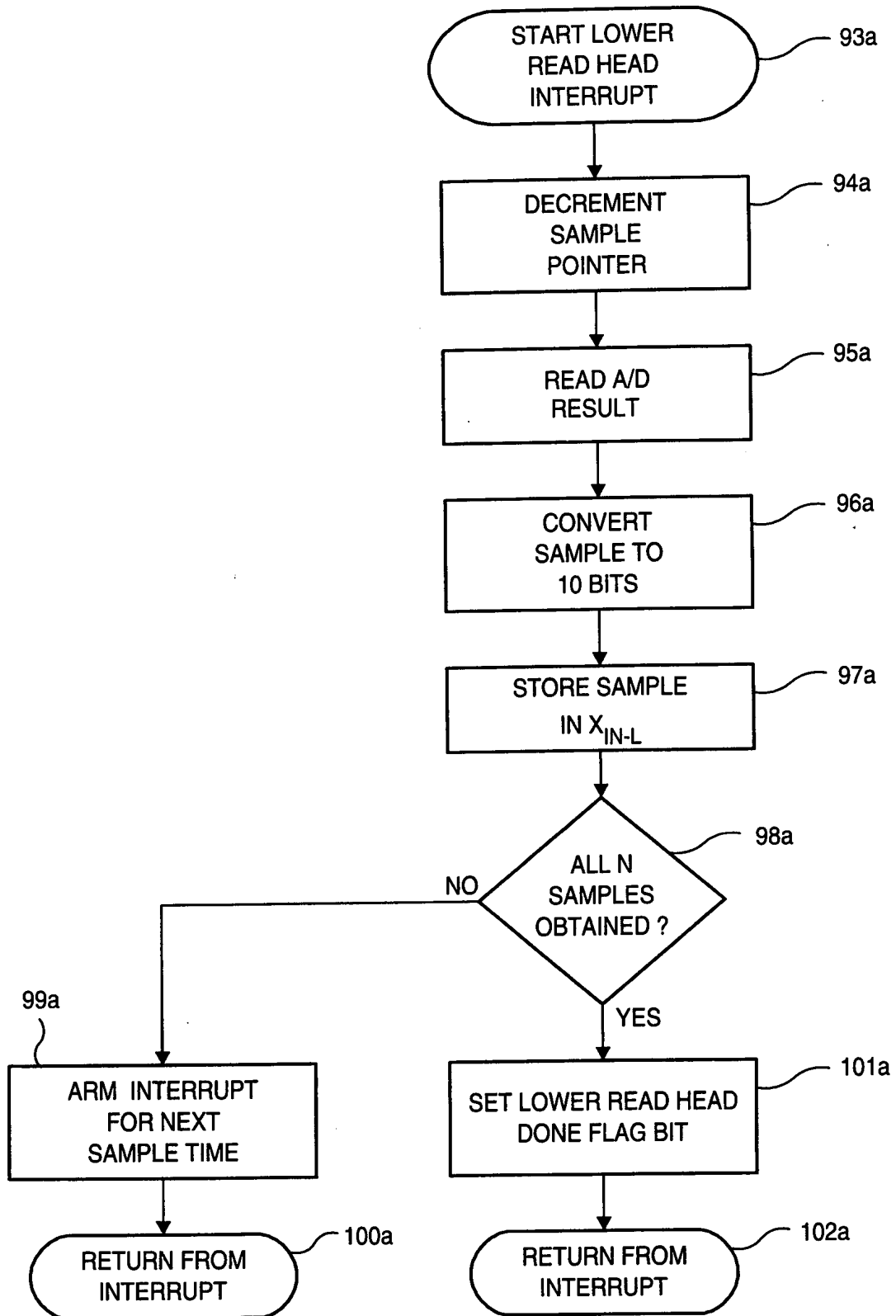


FIG. 8

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

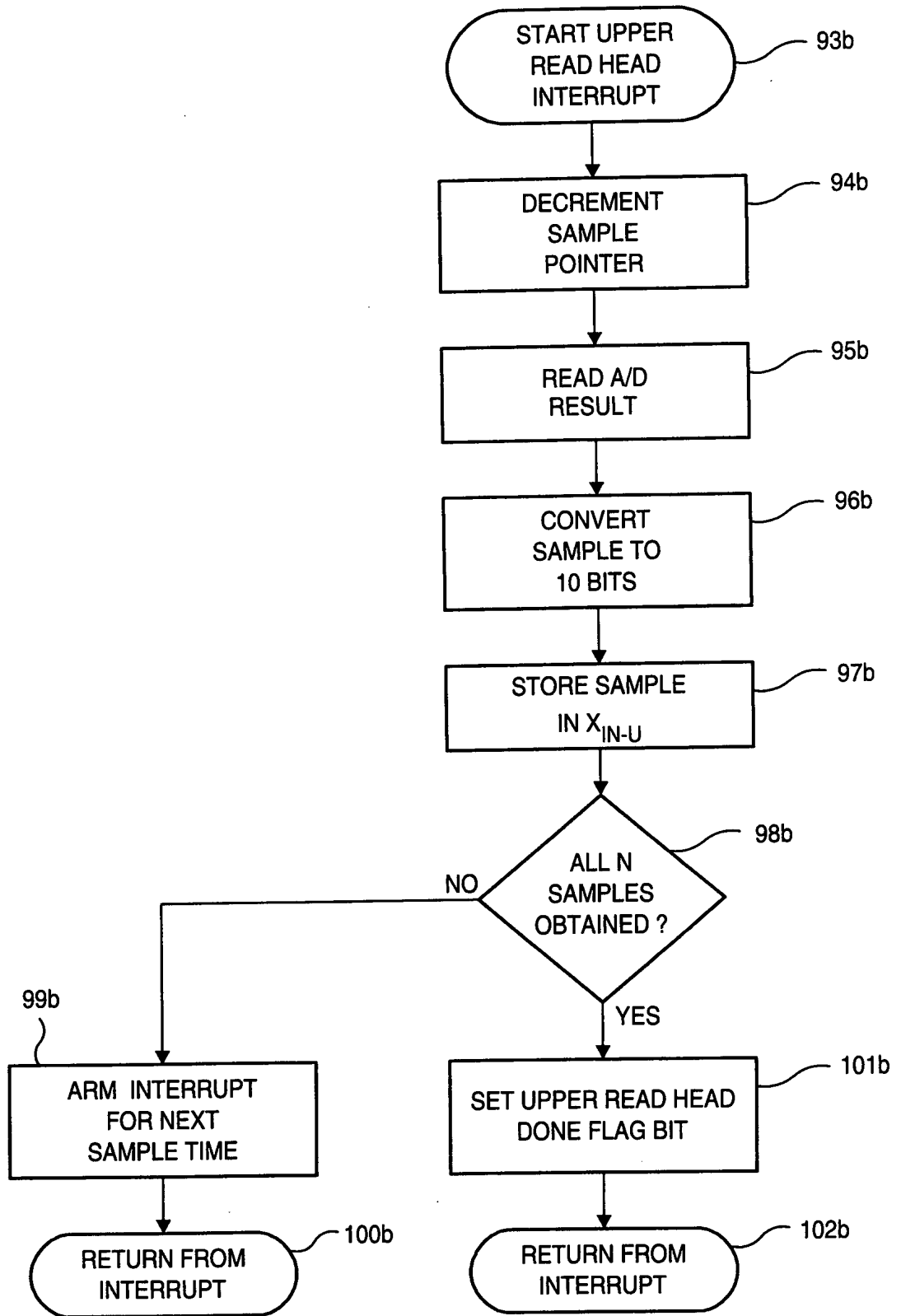
36250" 3294060

*FIG. 9*

*FIG. 10*

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

062150" 82592060

**FIG. 11**

11/53

APPROVED	O.G. FIG.
	CLASS SUBCLASS
BY	
DRAFTSMAN	

862150" 8259/060

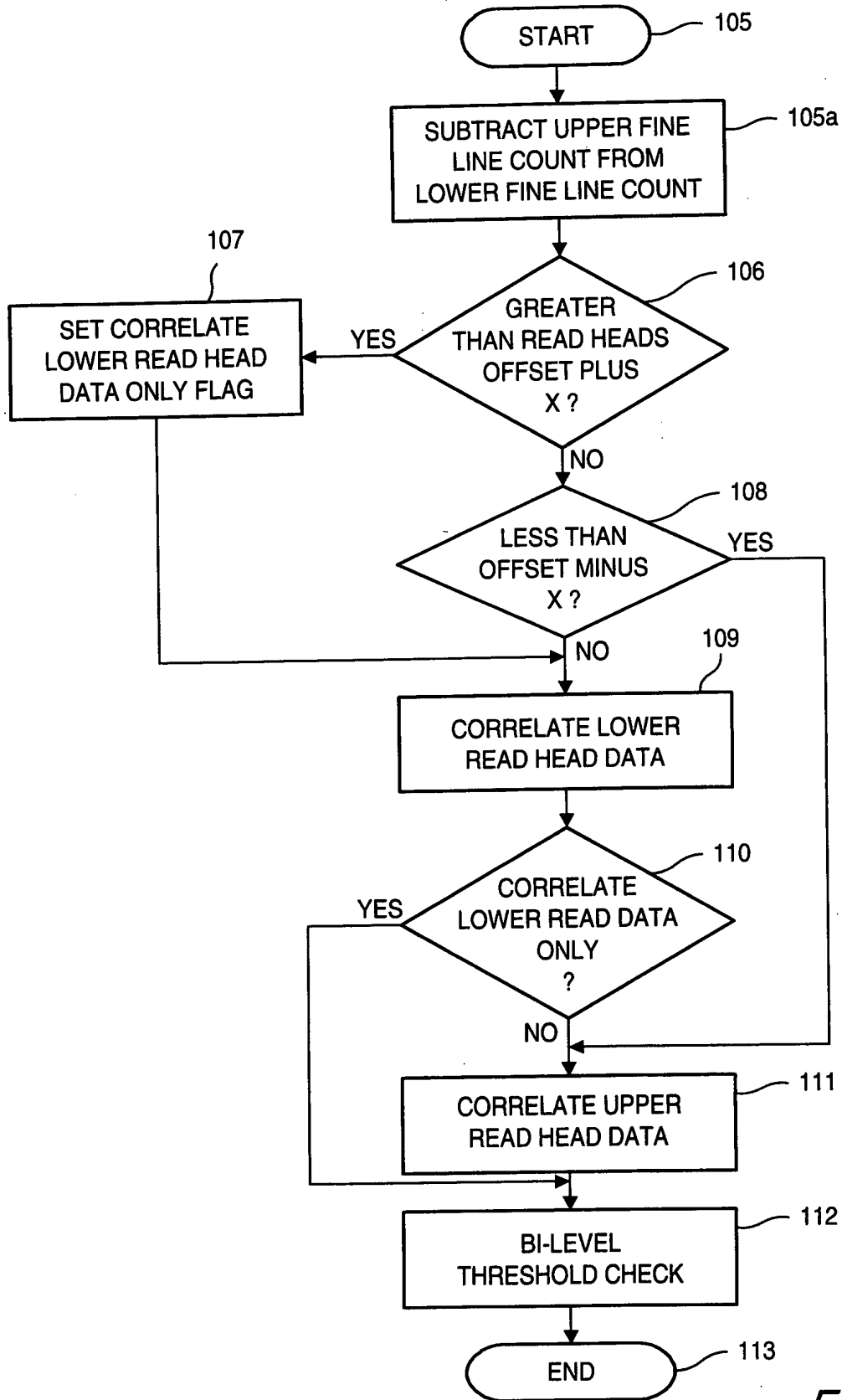


FIG. 12

362150" 82594050

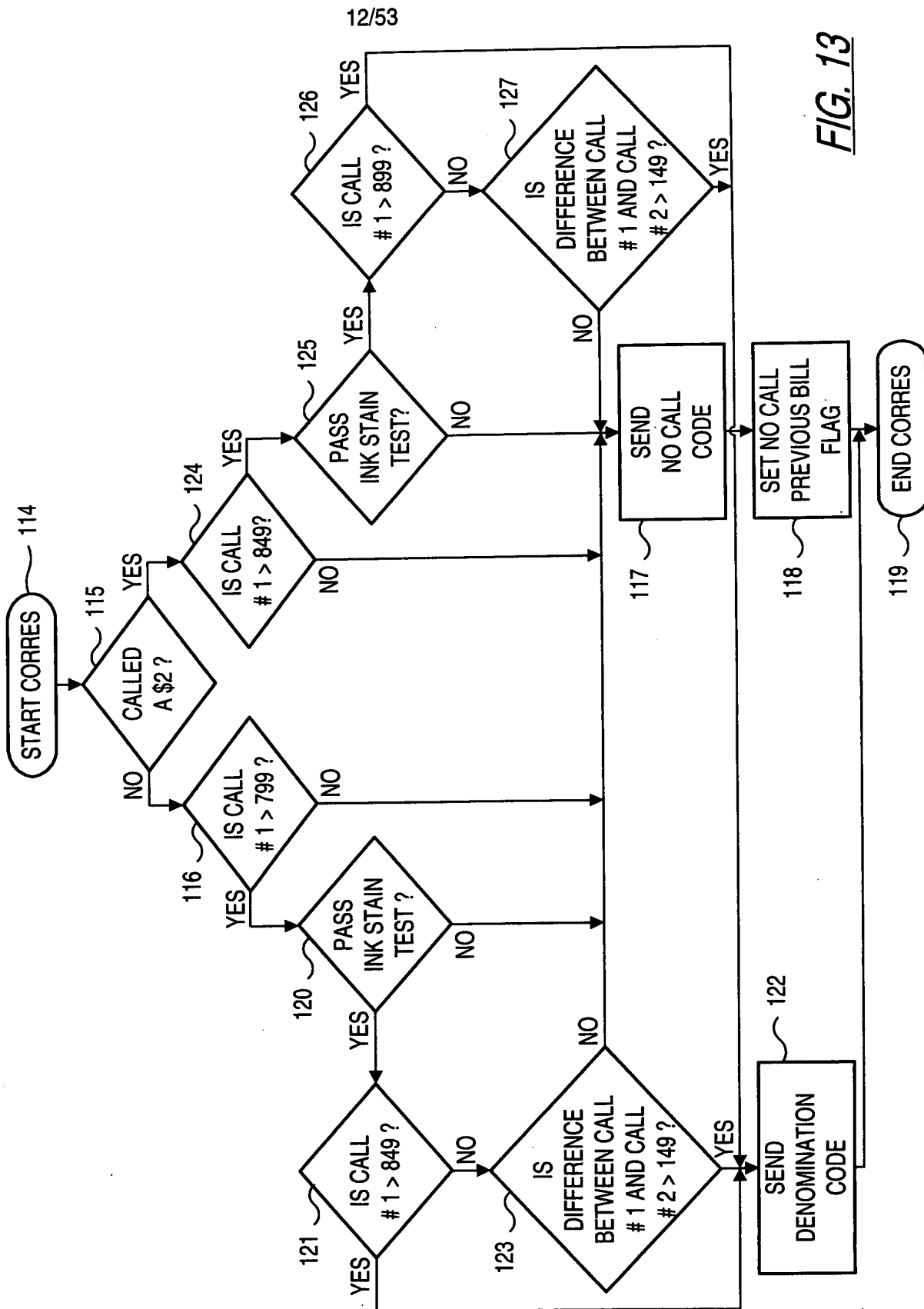
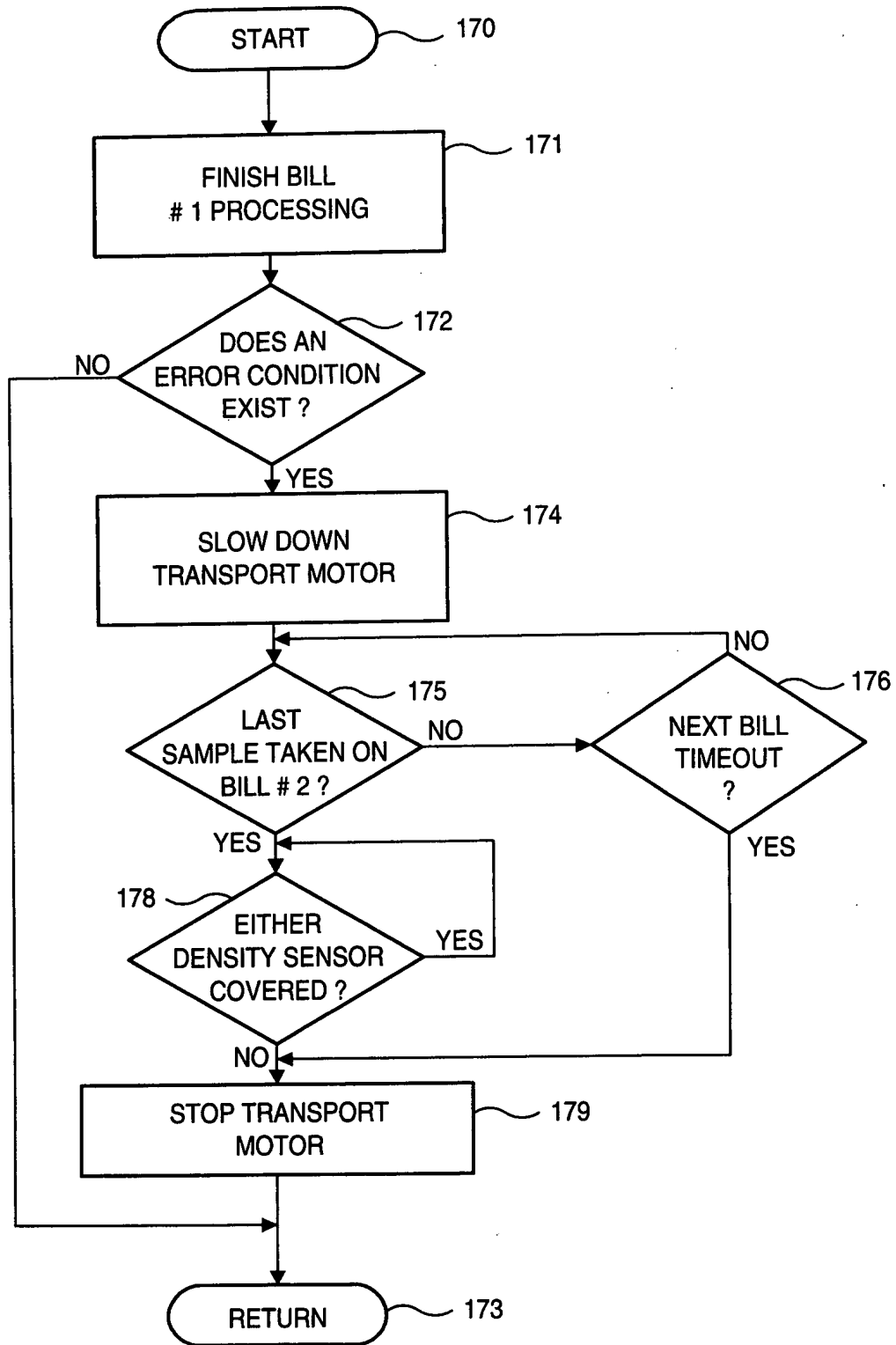


FIG. 13

APPROVED	O.G. FIG.
BY	CLASS / SUBCLASS
DRAFTSMAN	

862150" 8259/060

FIG. 14

APPROVED		O.G. FIG.	
BY		CLASS SUBCLASS	
862150" 8259400			
DRAFTSMAN			

14/53

\$1: TOP, FORWARD

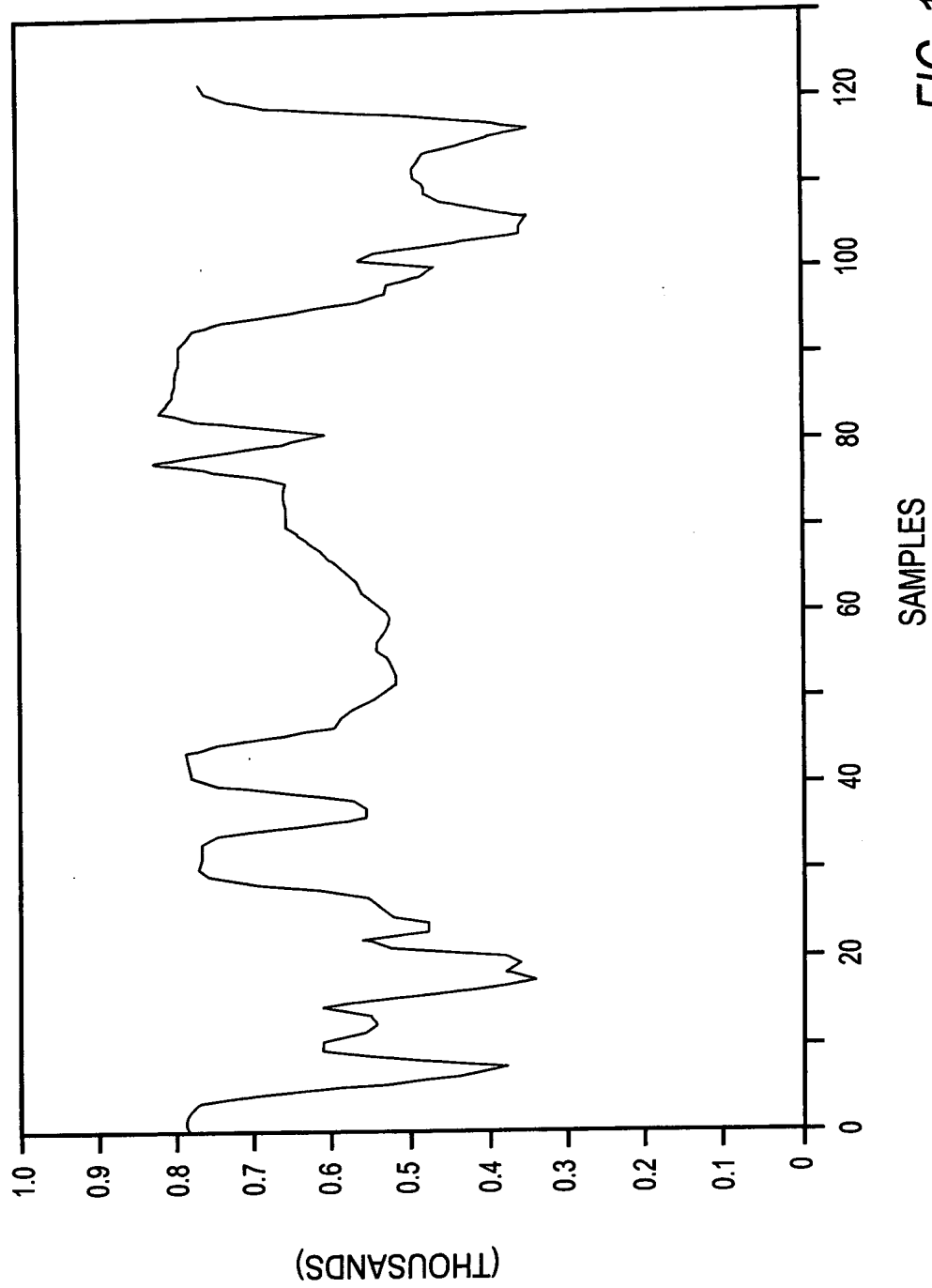


FIG. 15a

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

062150" 32592060

\$2 : TOP, REVERSE

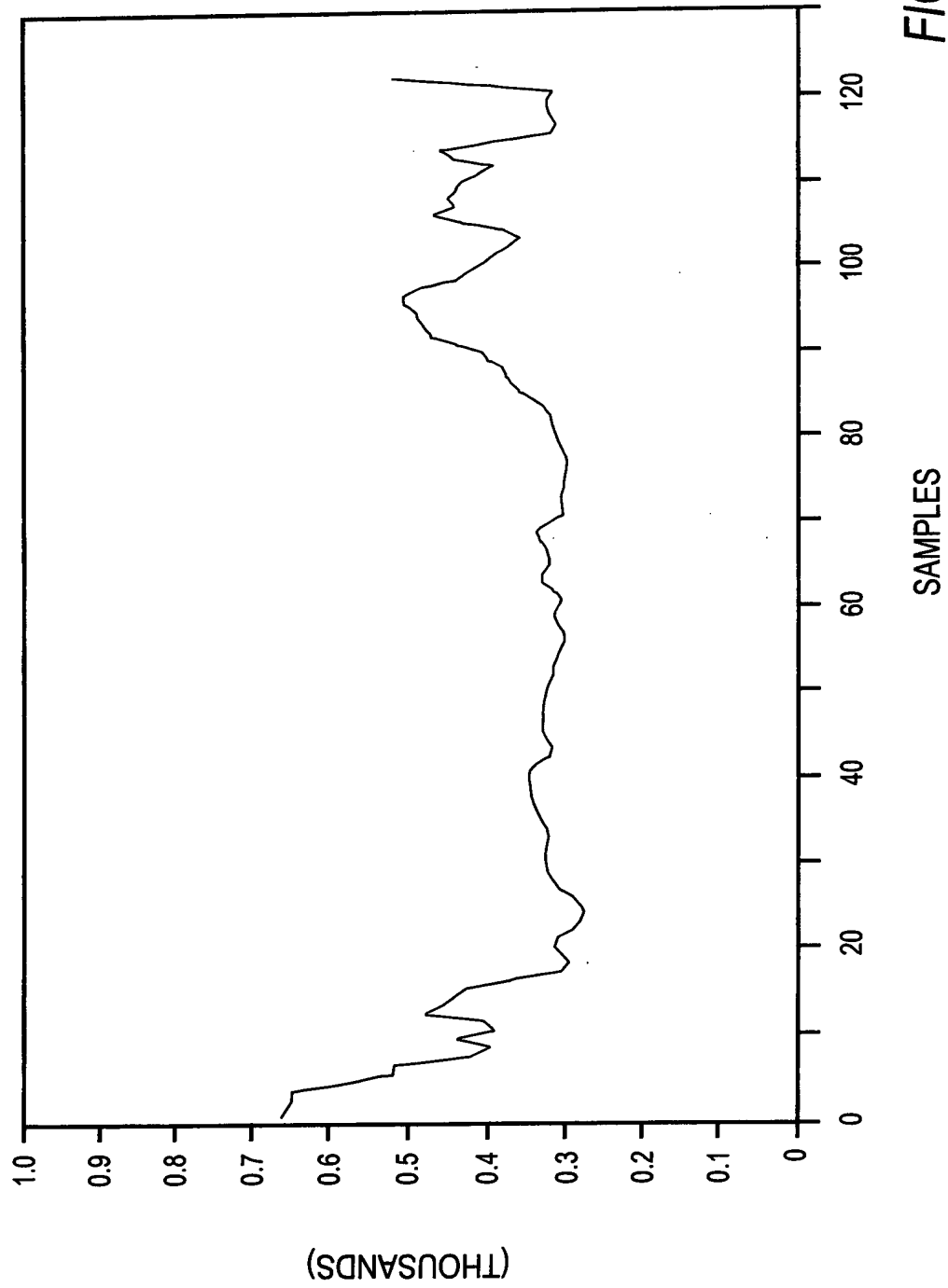


FIG. 15b

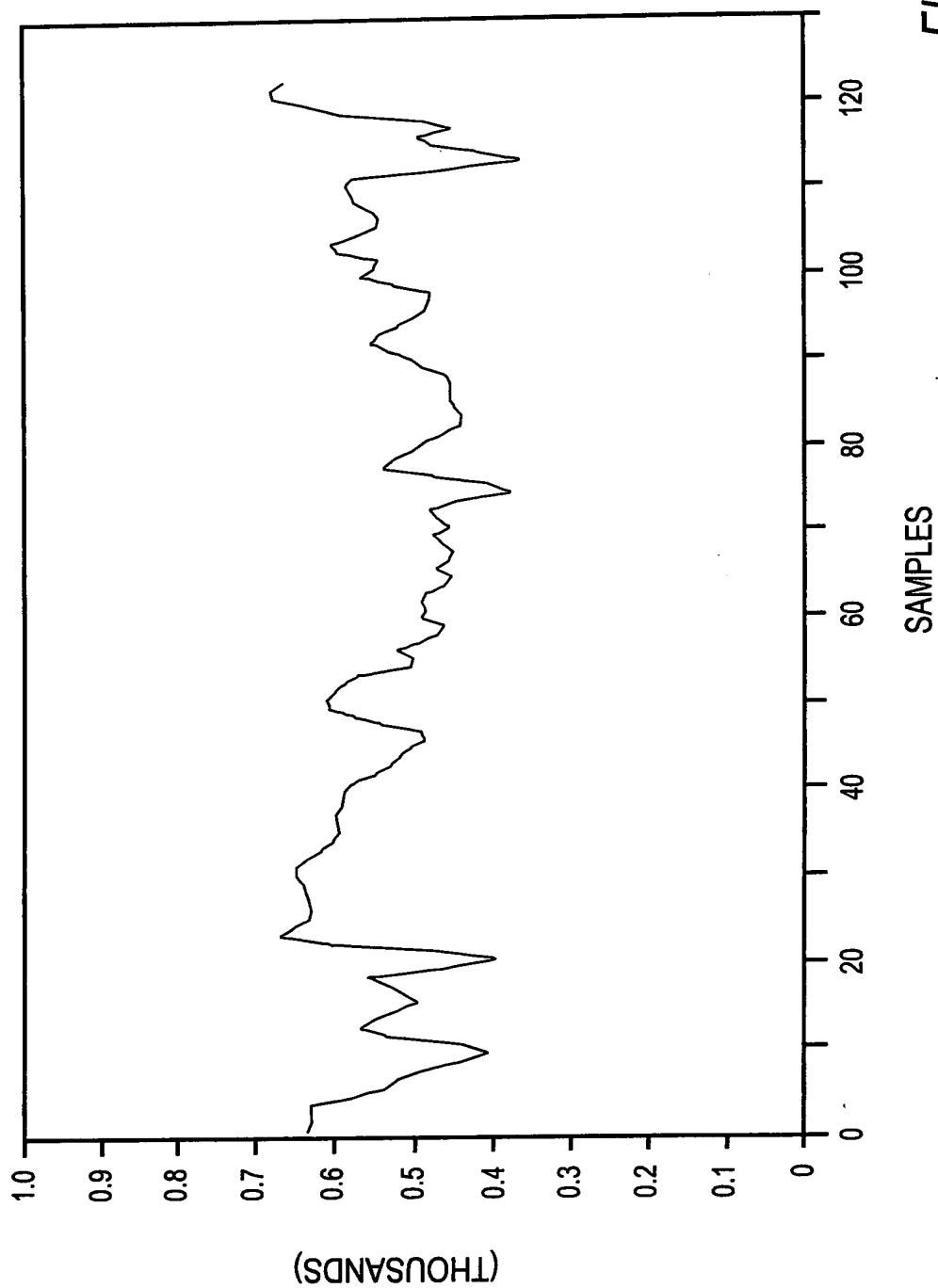


FIG. 16

APPROVED	O.G. FIG.	CLASS	SUBCLASS
	BY	DRAFTSMAN	

862150" 82534050

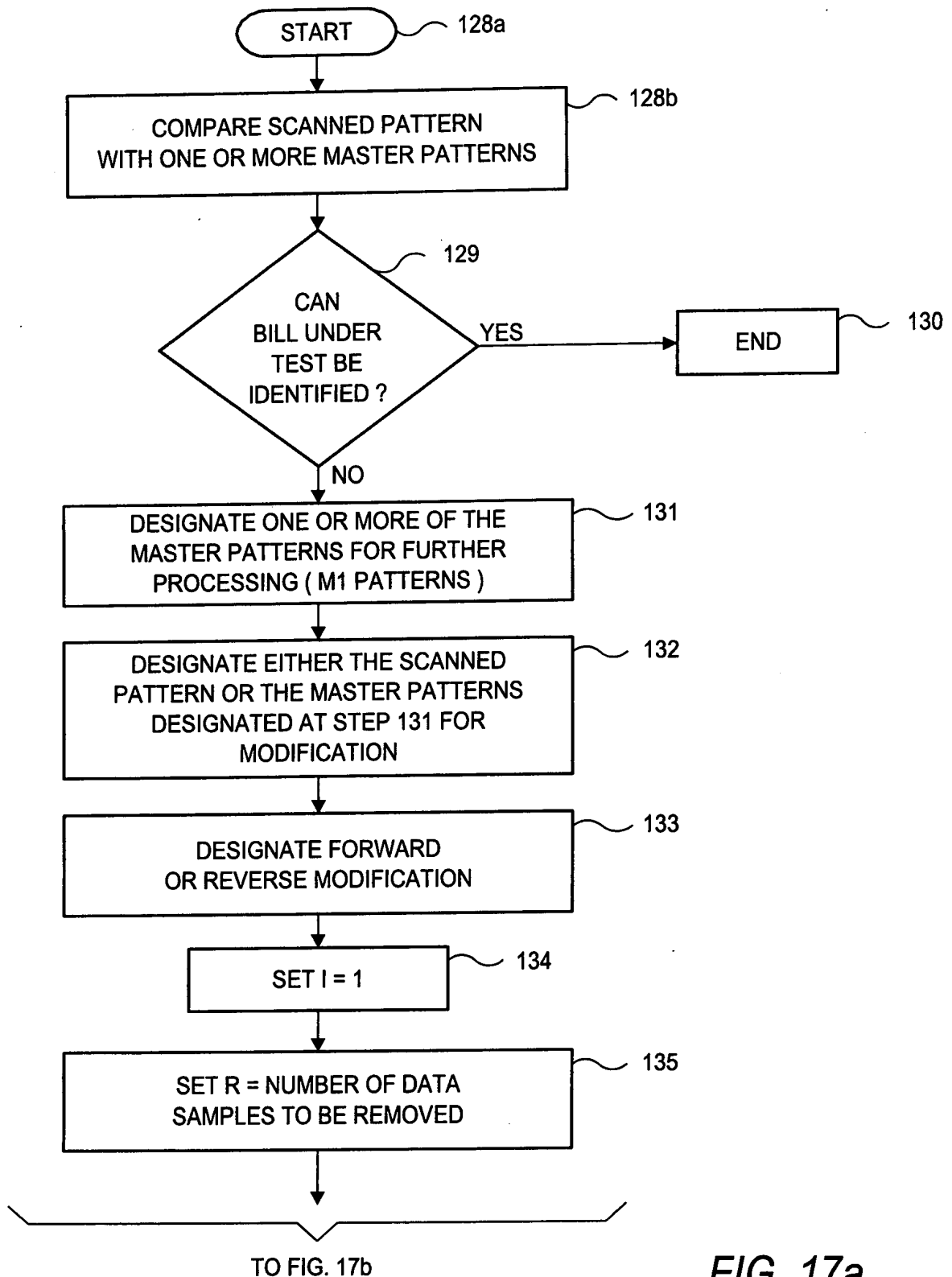


FIG. 17a

18/53

TO FIG. 17a

(A)

HAS THE
SCANNED PATTERN
BEEN DESIGNATED
FOR MODIFICATION ?

YES

NO

REPLICATE SCANNED PATTERN M1
TIMES AND DESIGNATE M1
REPLICATED PATTERNS AS
WORKING PATTERNS

REPLICATE MASTER PATTERNS
DESIGNATED AT STEP 131 AND
DESIGNATE M1 REPLICATED
PATTERNS AS WORKING
PATTERNS

FORWARD
MODIFICATION TO
BE PERFORMED ?

YES

NO

REMOVE FIRST Rxi
DATA SAMPLES FROM
EACH WORKING PATTERN

REMOVE LAST Rxi
DATA VALUES FROM
EACH WORKING PATTERN

ADD Rxi DATA VALUES TO END OF
WORKING PATTERNS; THE ADDED
Rxi DATA VALUES BEING EQUAL TO
THE DATA VALUES IN THE LAST Rxi
SEQUENCE POSITIONS OF A
CORRESPONDING NON-DESIGNATED
PATTERN

ADD Rxi DATA VALUES TO BEGINING
OF WORKING PATTERNS; THE
ADDED Rxi DATA VALUES BEING
EQUAL TO THE DATA VALUES IN THE
FIRST Rxi SEQUENCE POSITIONS
OF A CORRESPONDING
NON-DESIGNATED PATTERN

TO FIG. 17c

FIG. 17b

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

852150" 82594060

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

862T50" 8259/050

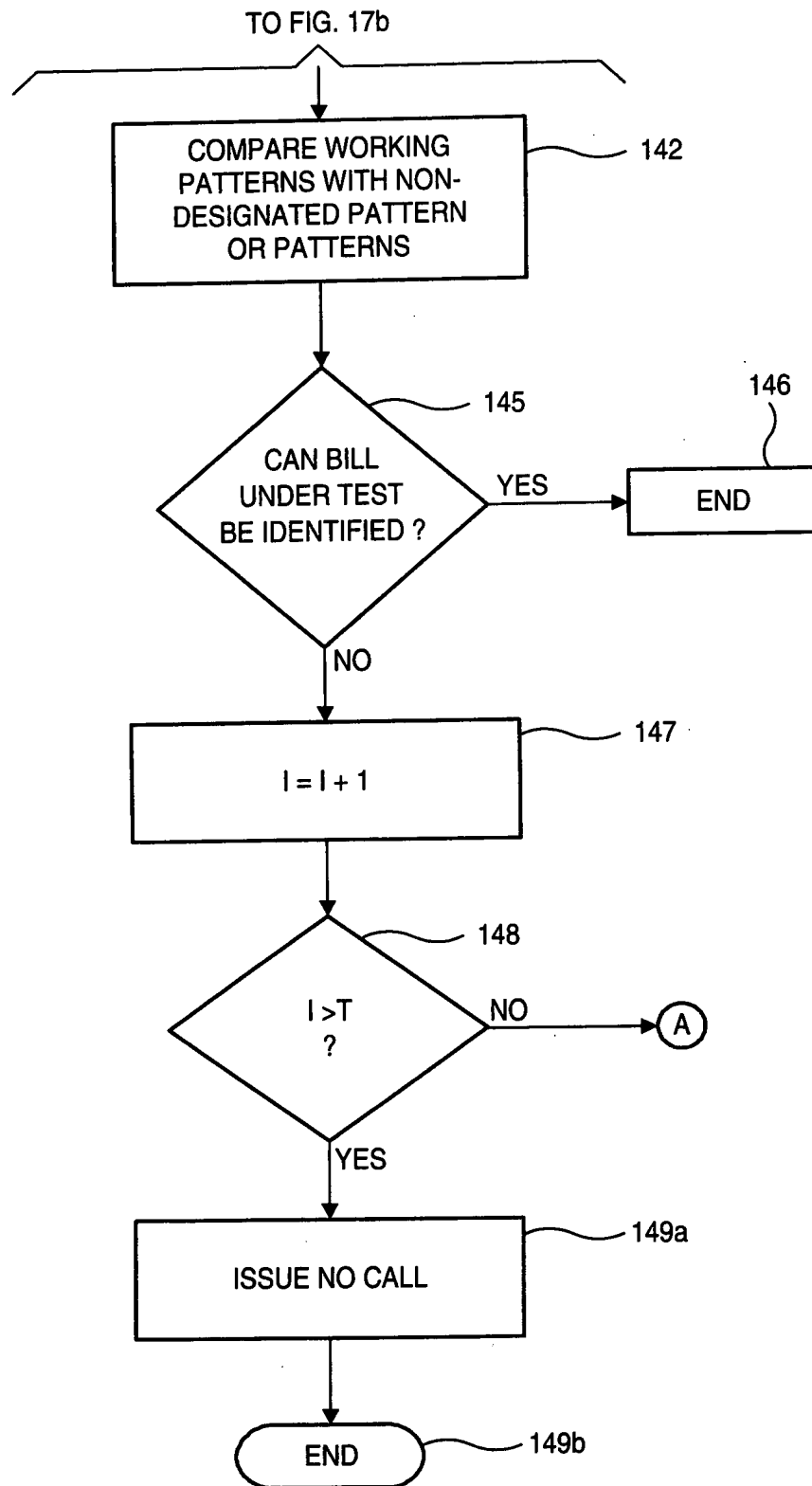
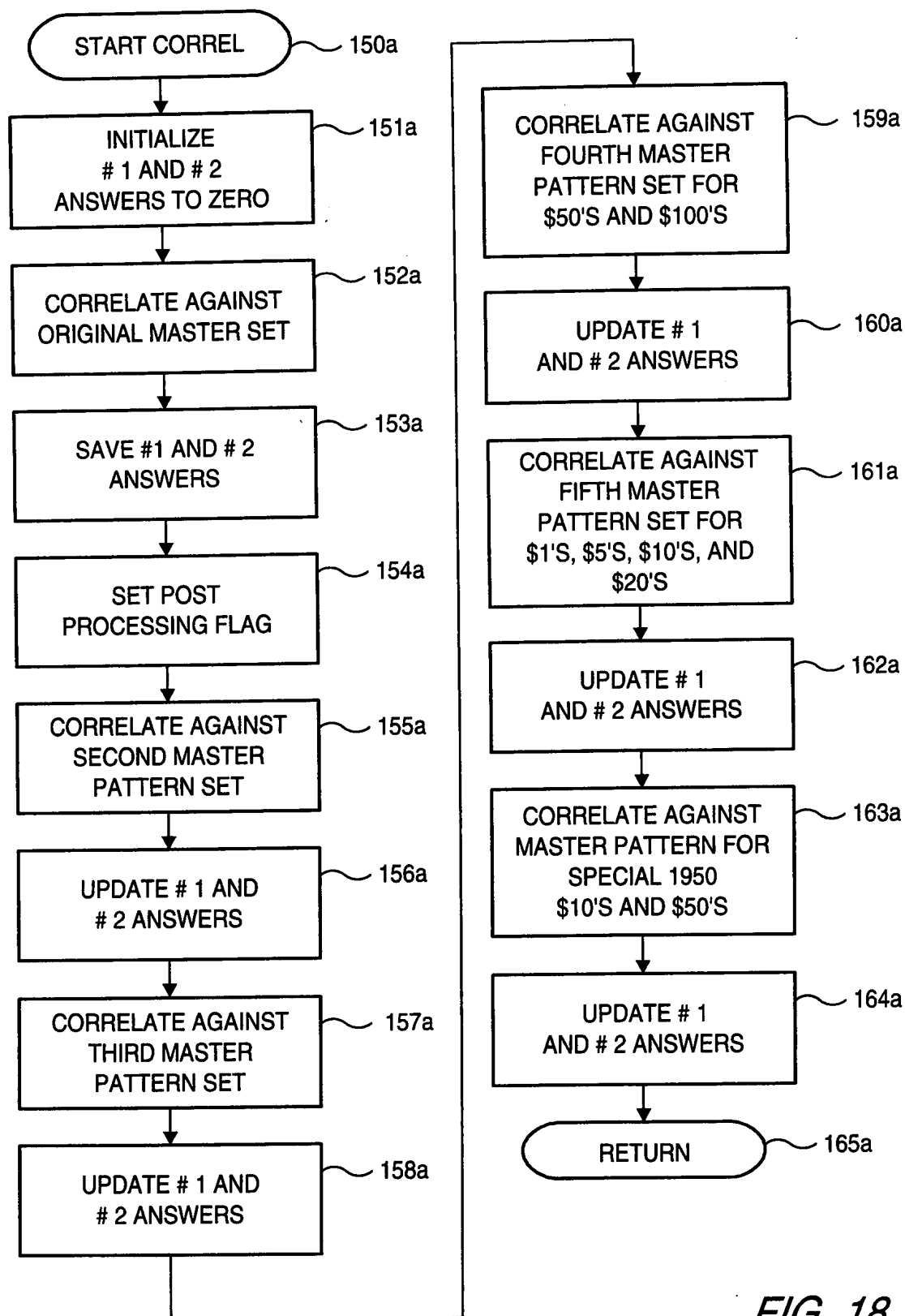


FIG. 17c

**FIG. 18**

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

862F50" 82594060

21/53

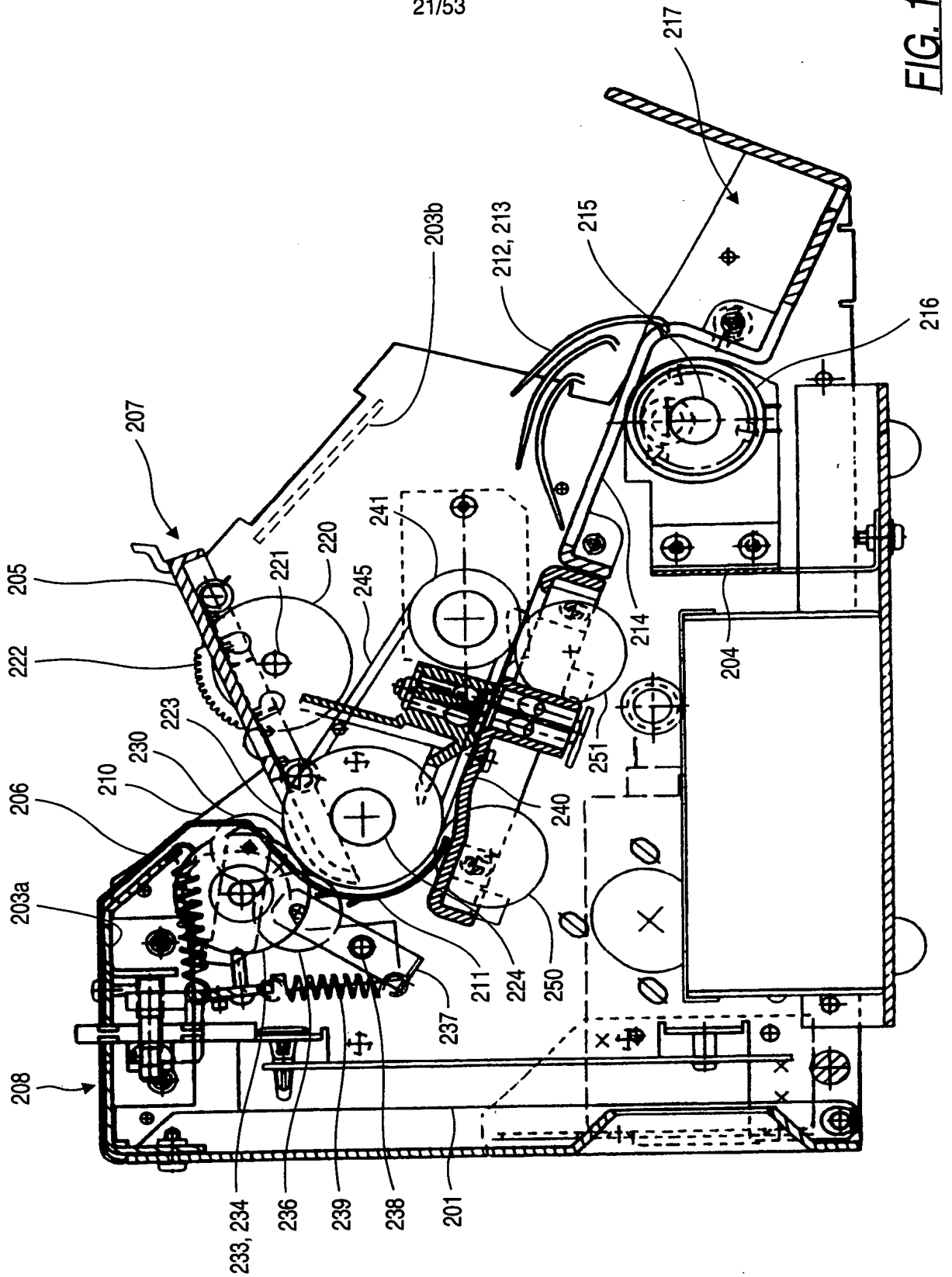


FIG. 19

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

862150" 8259/060

22/53

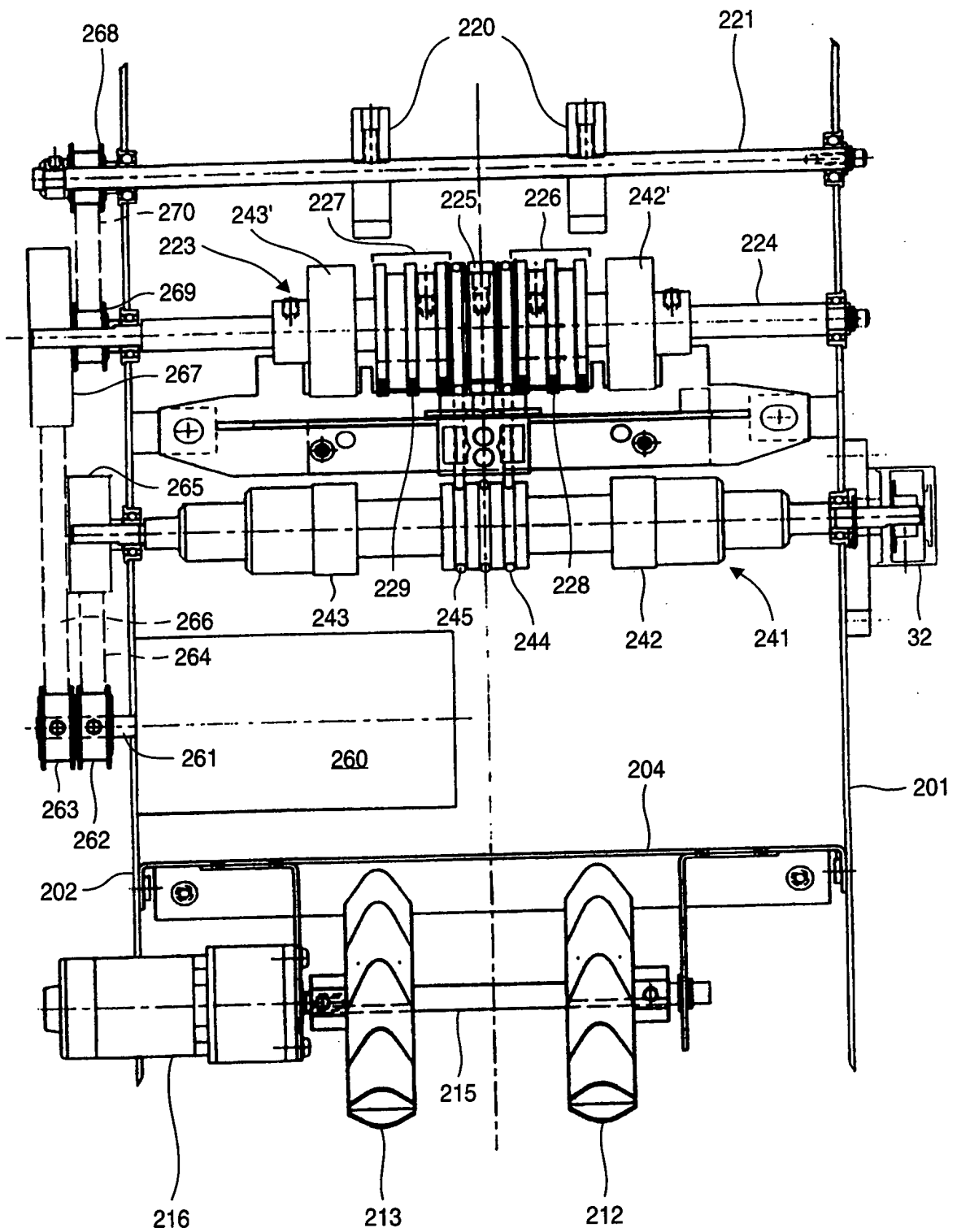
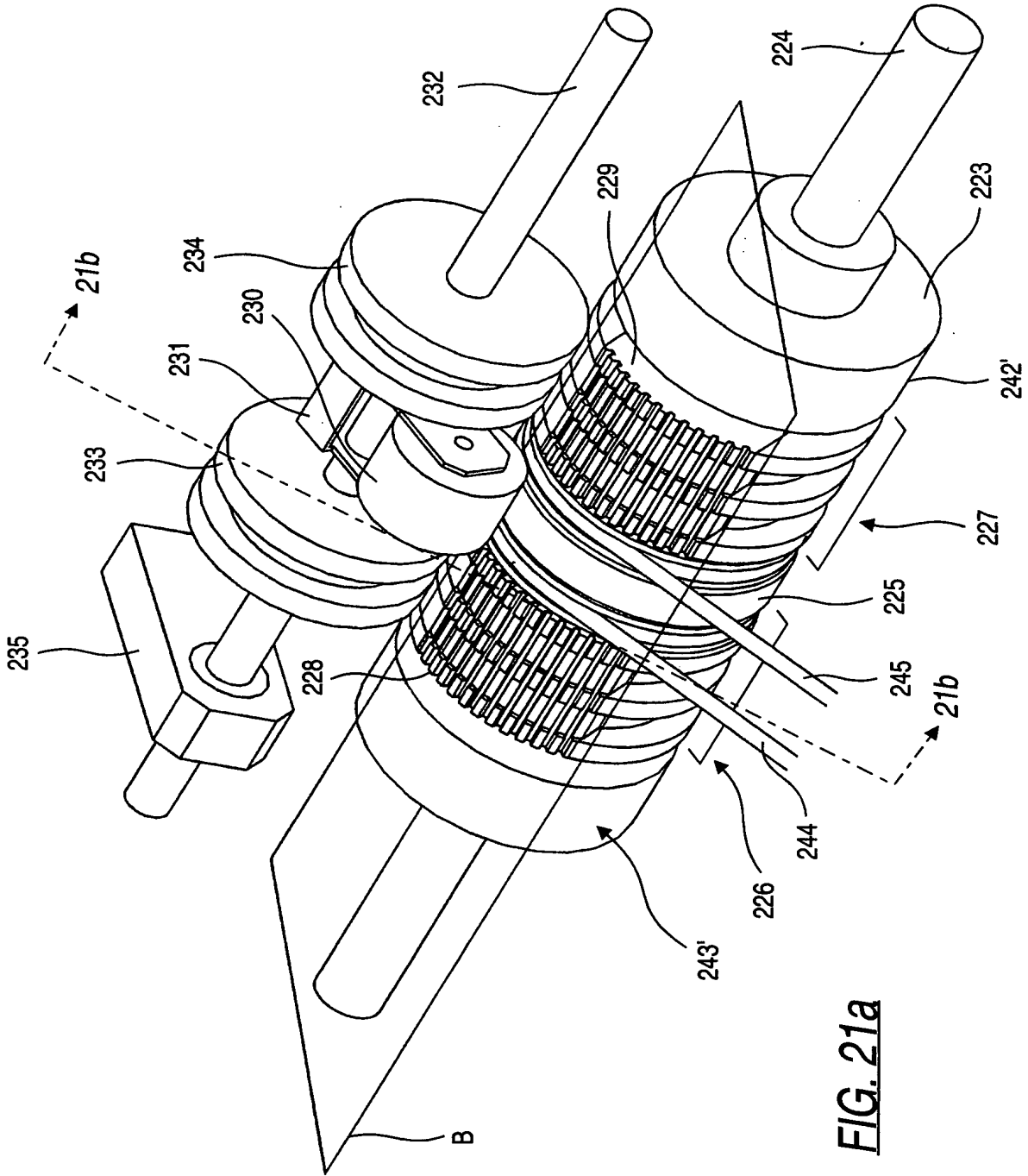


FIG. 20

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362F50" 32594060

23/53



APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

862750" 8253/060

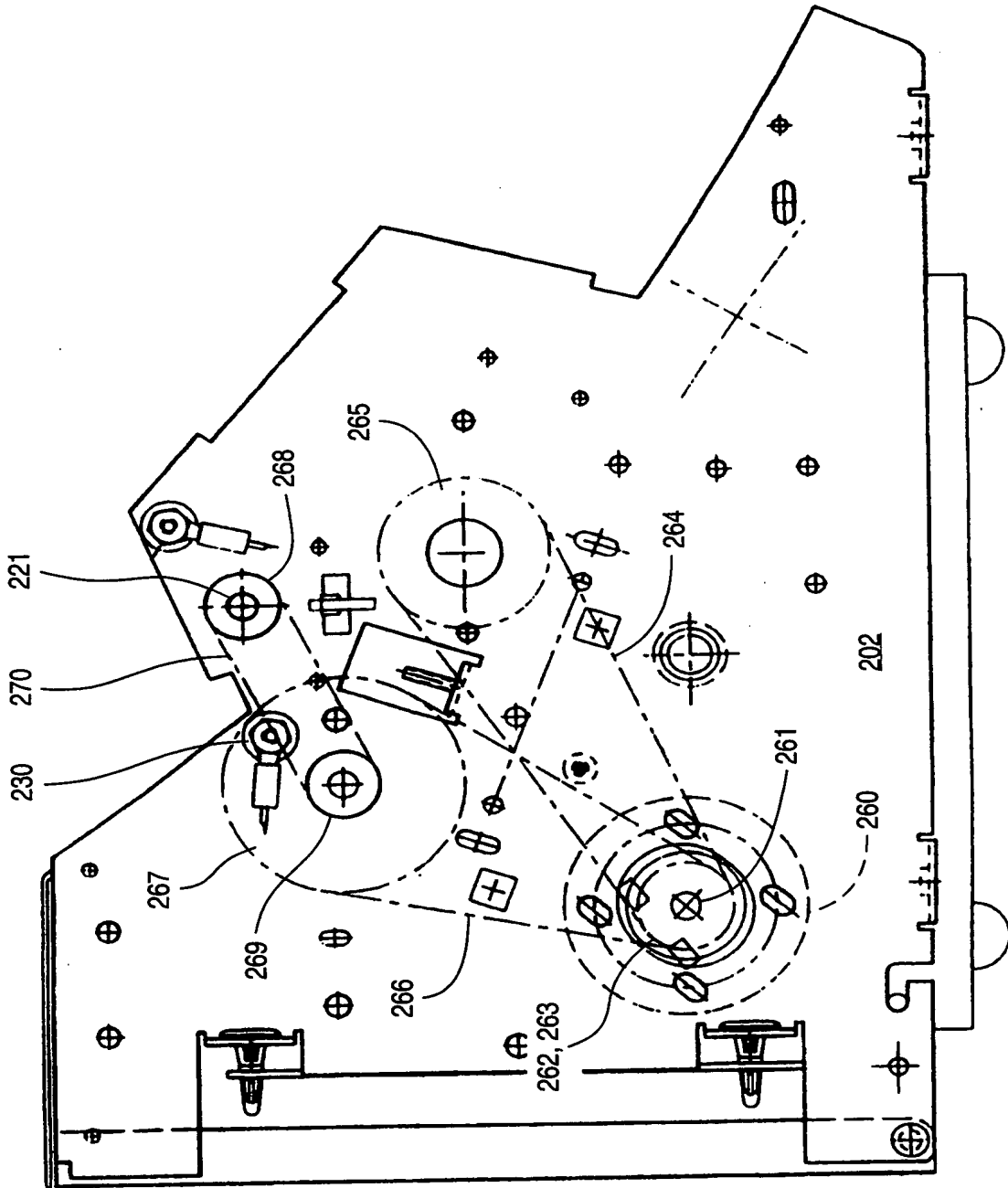


FIG. 22

862FS0" 82992060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

26/53

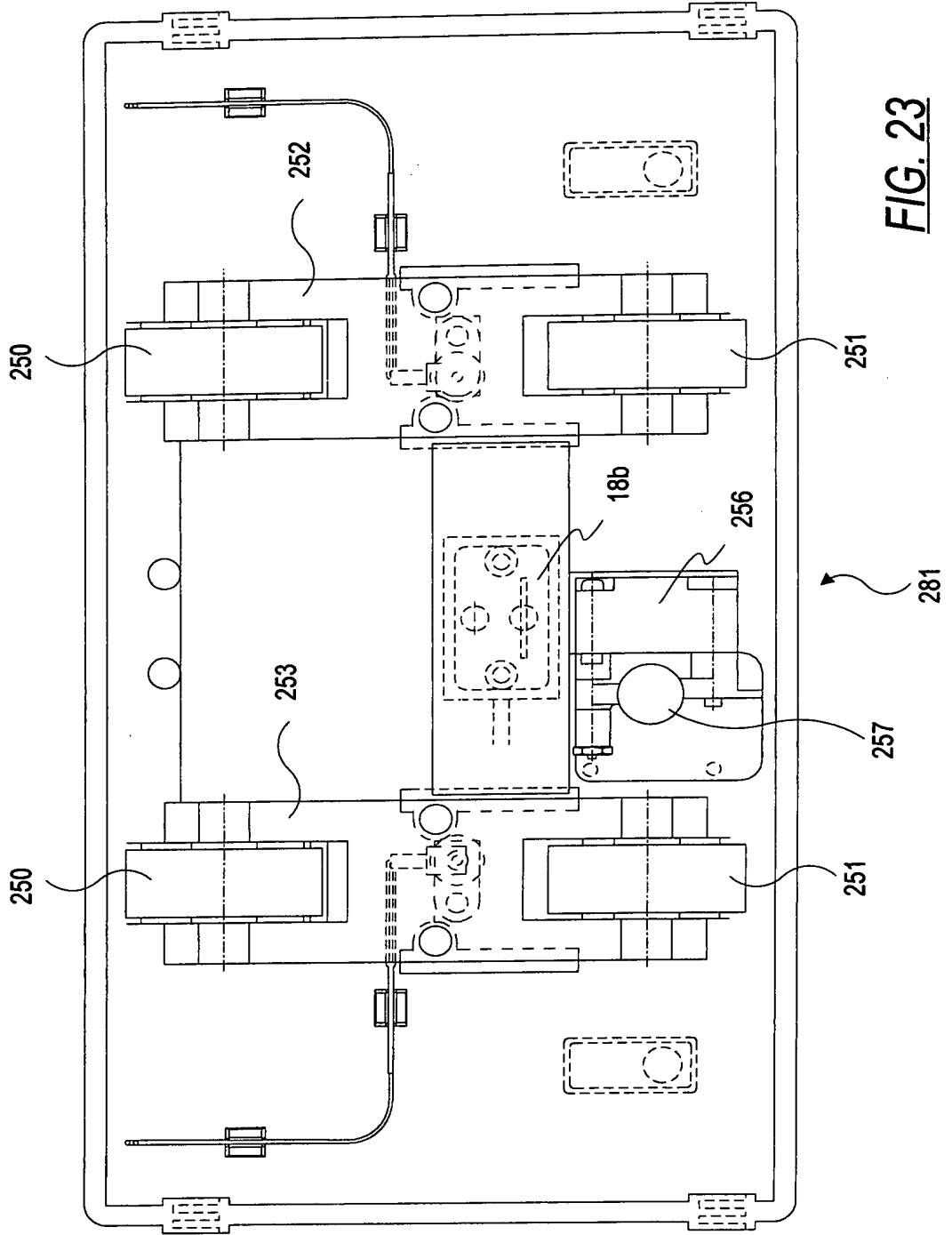


FIG. 23

362F50" 8259/060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

27/53

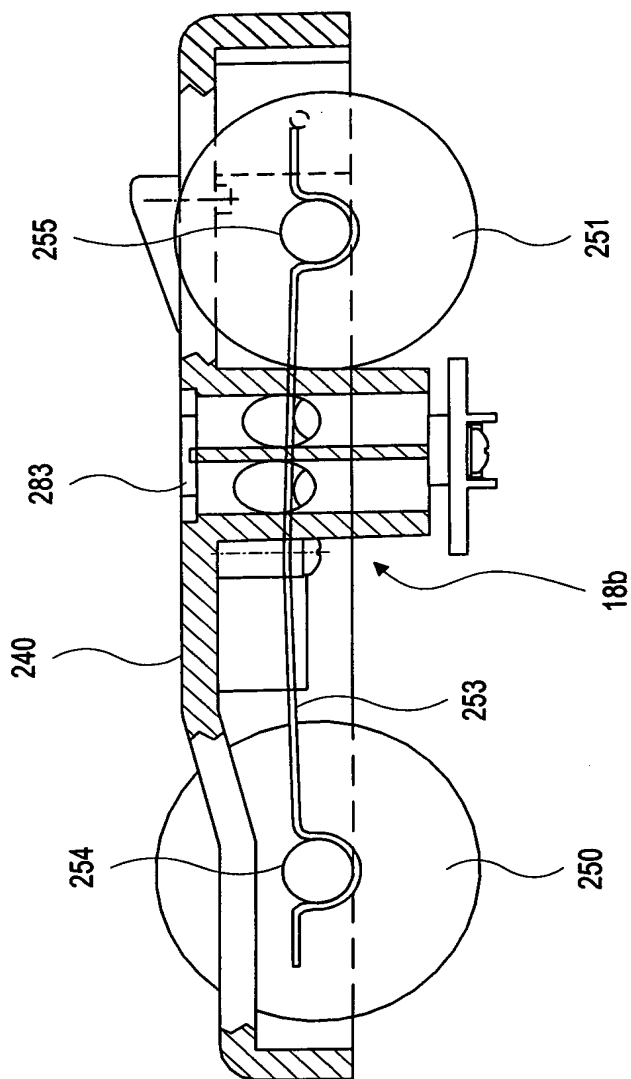


FIG. 24

APPROVED	O.G. FIG.	
BY	CLASS SUBCLASS	
DRAFTSMAN		

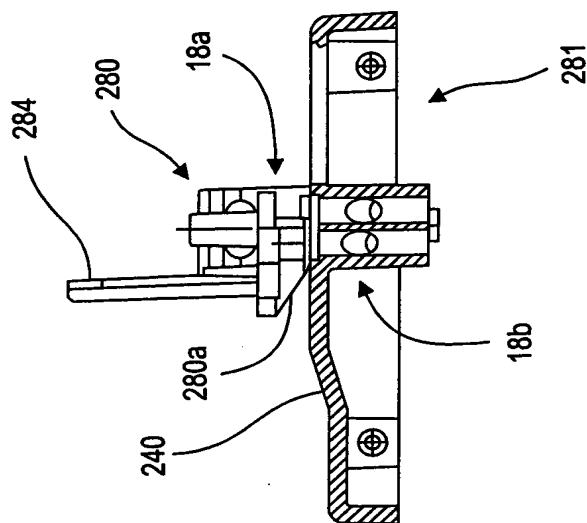
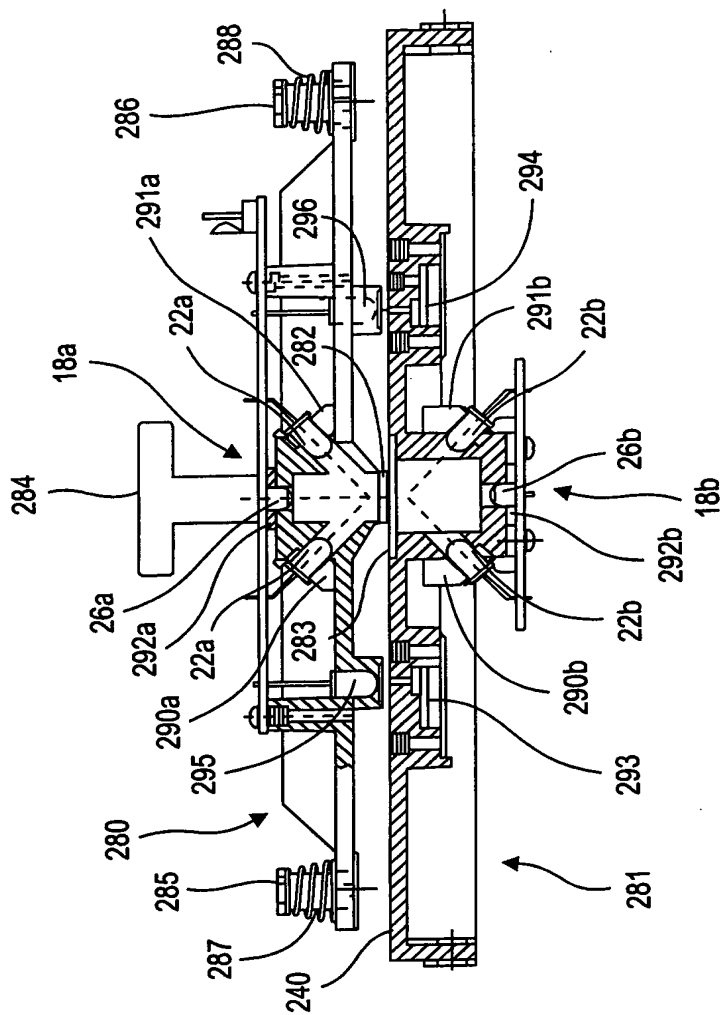


FIG. 26



362FS0" 82592060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

29/53

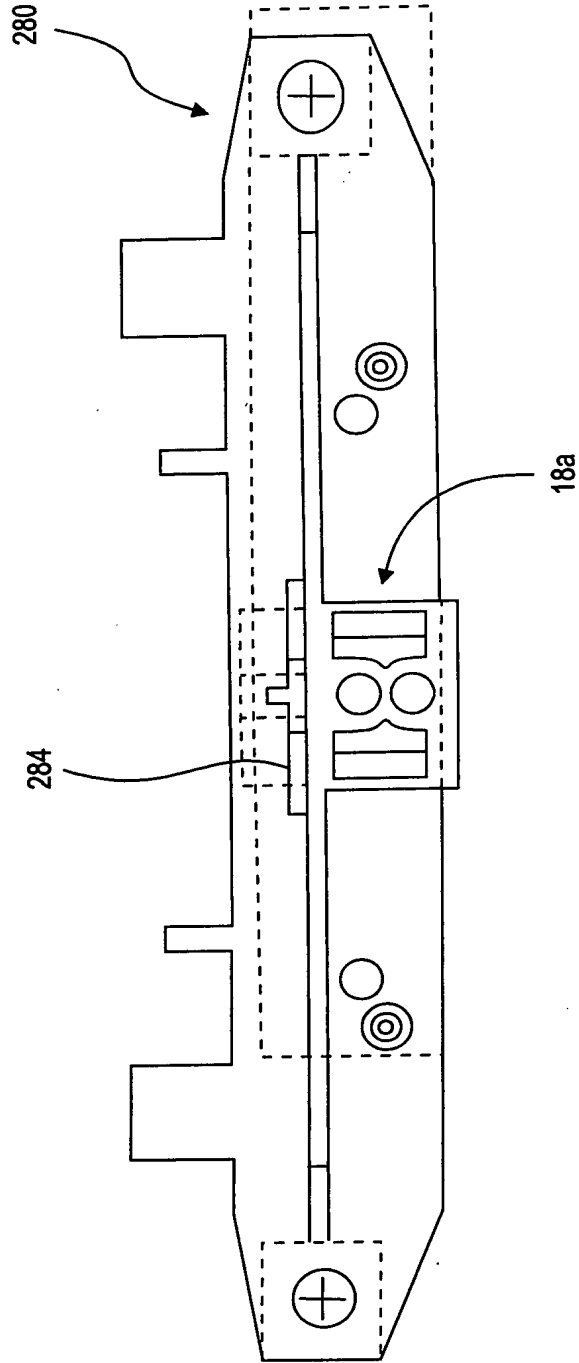


FIG. 27

APPROVED	Q.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362150" 32594050

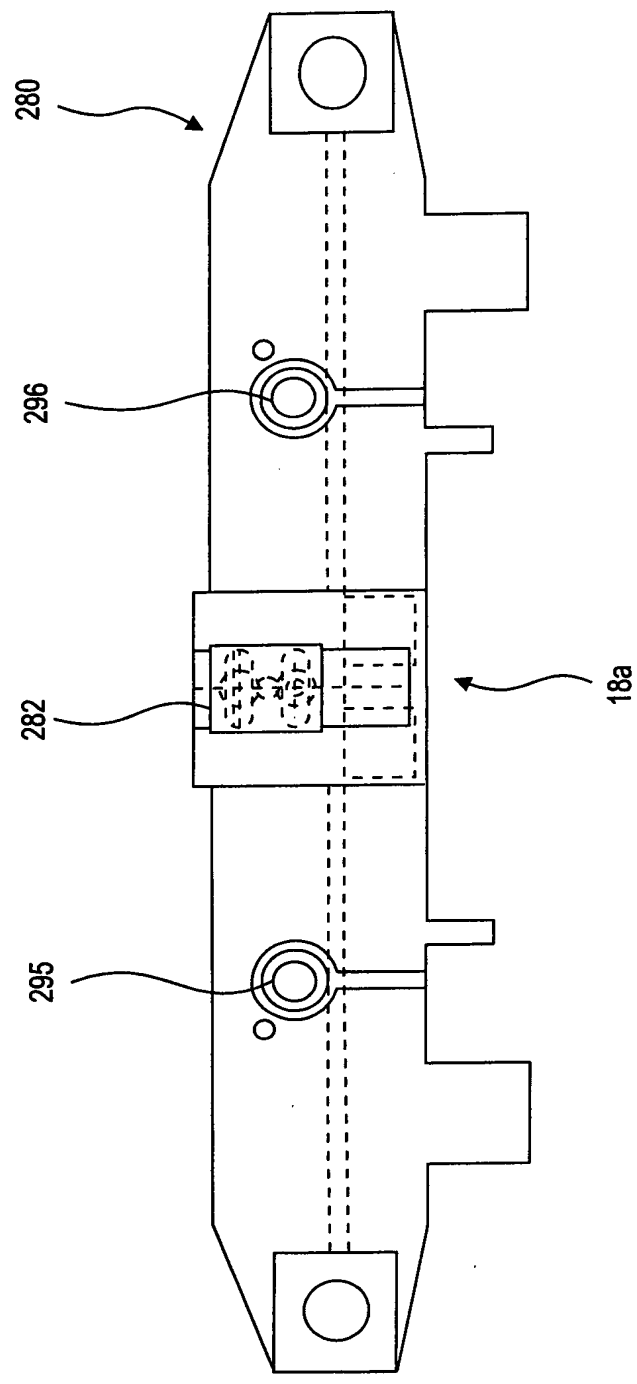


FIG. 28

LIGHT SOURCE OUTPUT

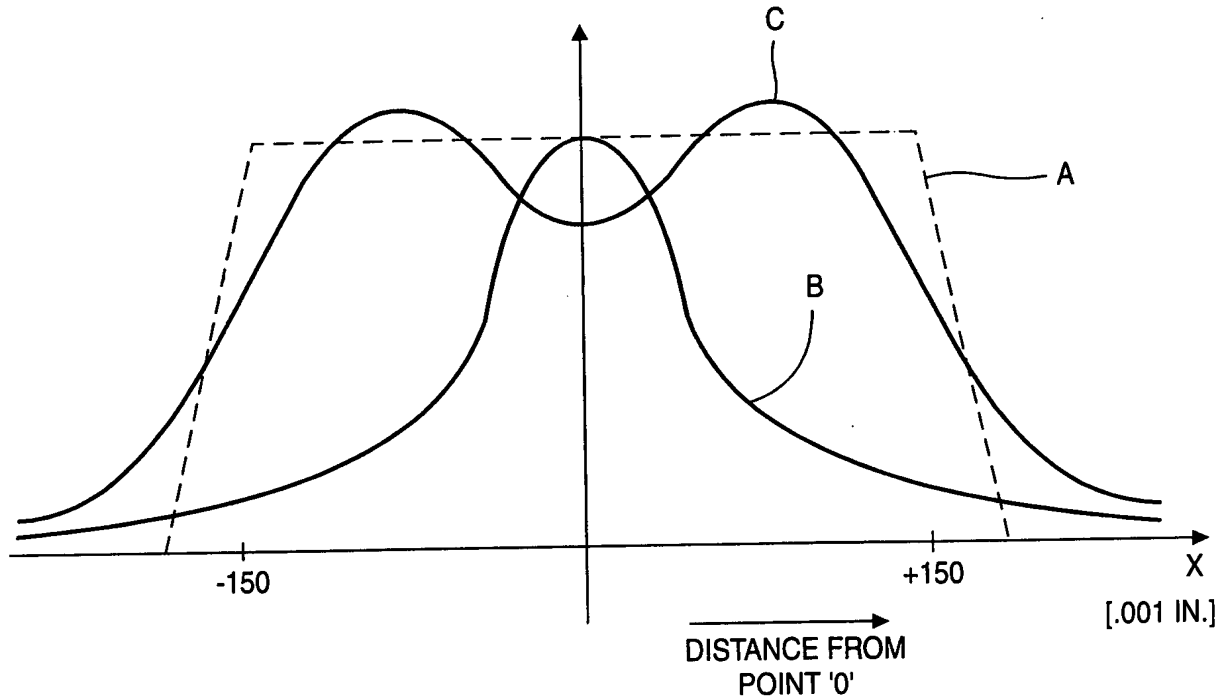


FIG. 29

DIRECTION OF
BILL FLOW

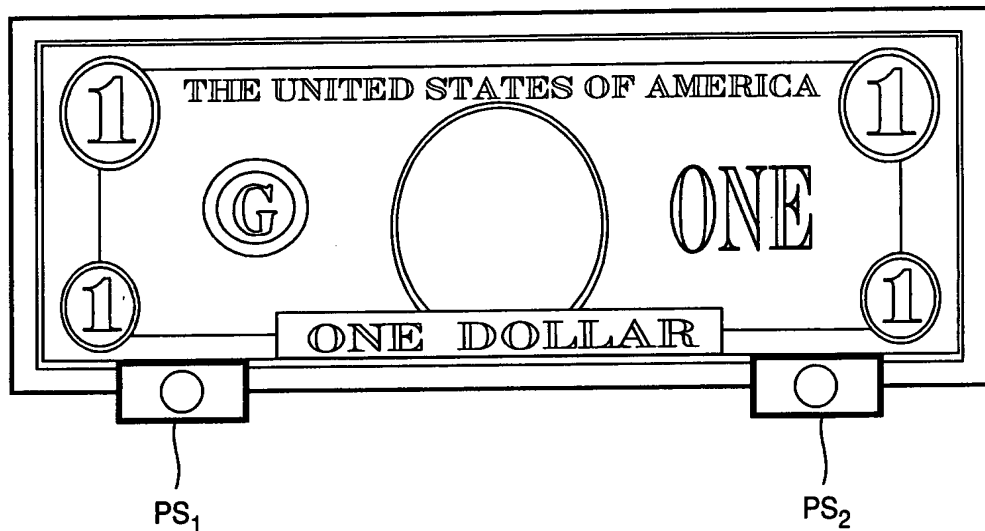


FIG. 30

APPROVED **O.G. FIG.**
BY **CLASS SUBCLASS**
DRAFTSMAN

36250" 82594060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

062750" 82592060

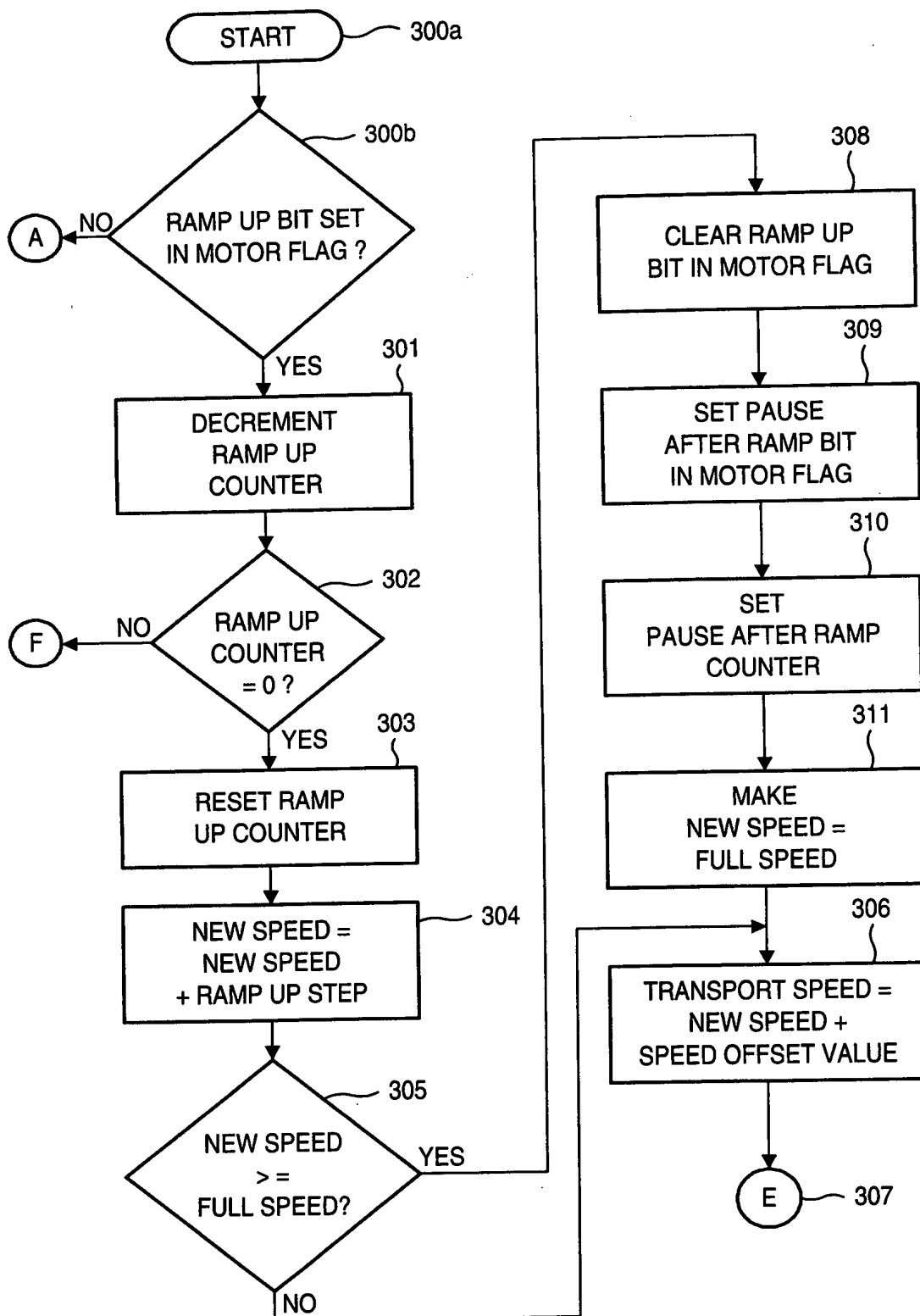


FIG. 31

APPROVED	D.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362750" 32592060

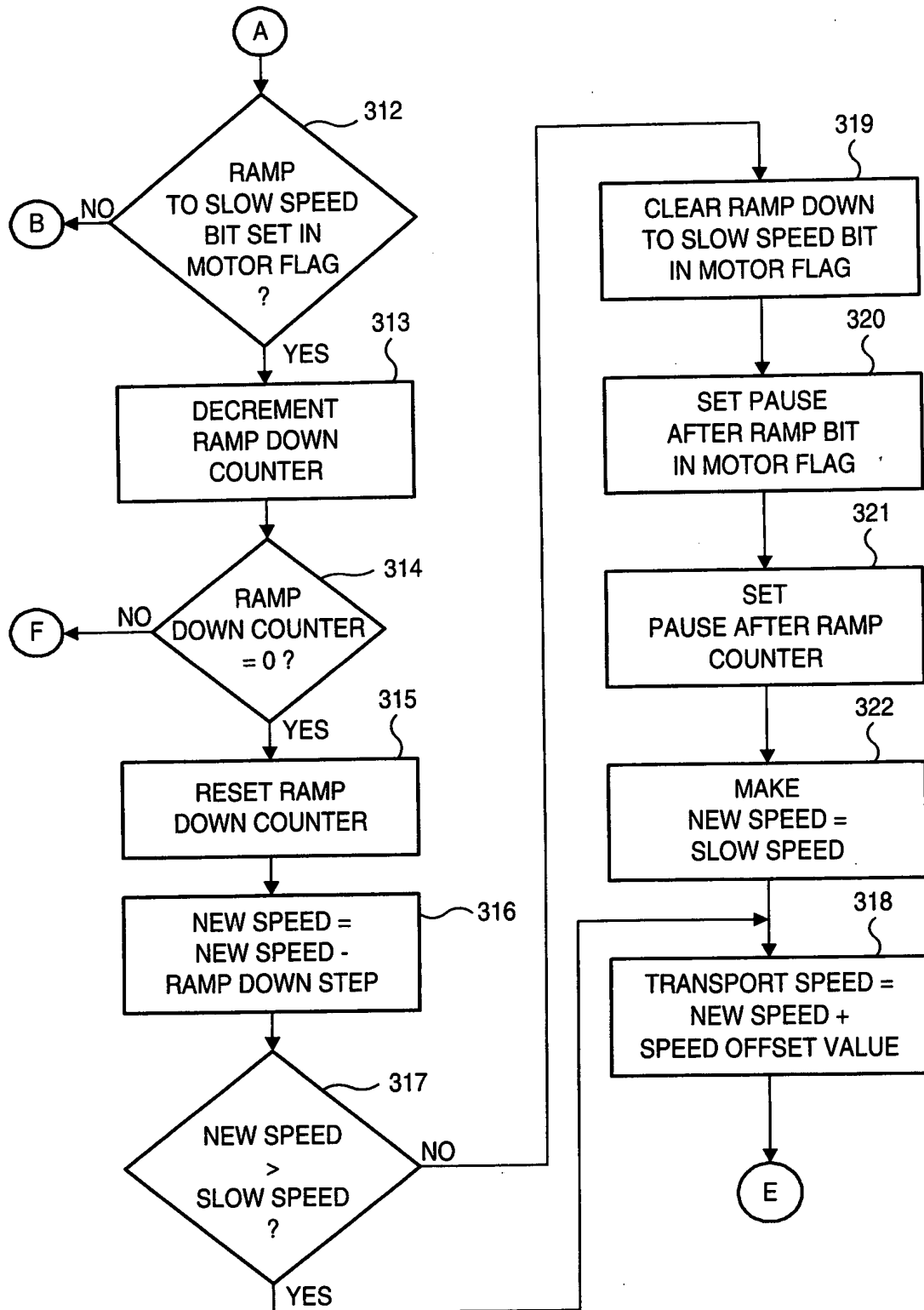


FIG. 32

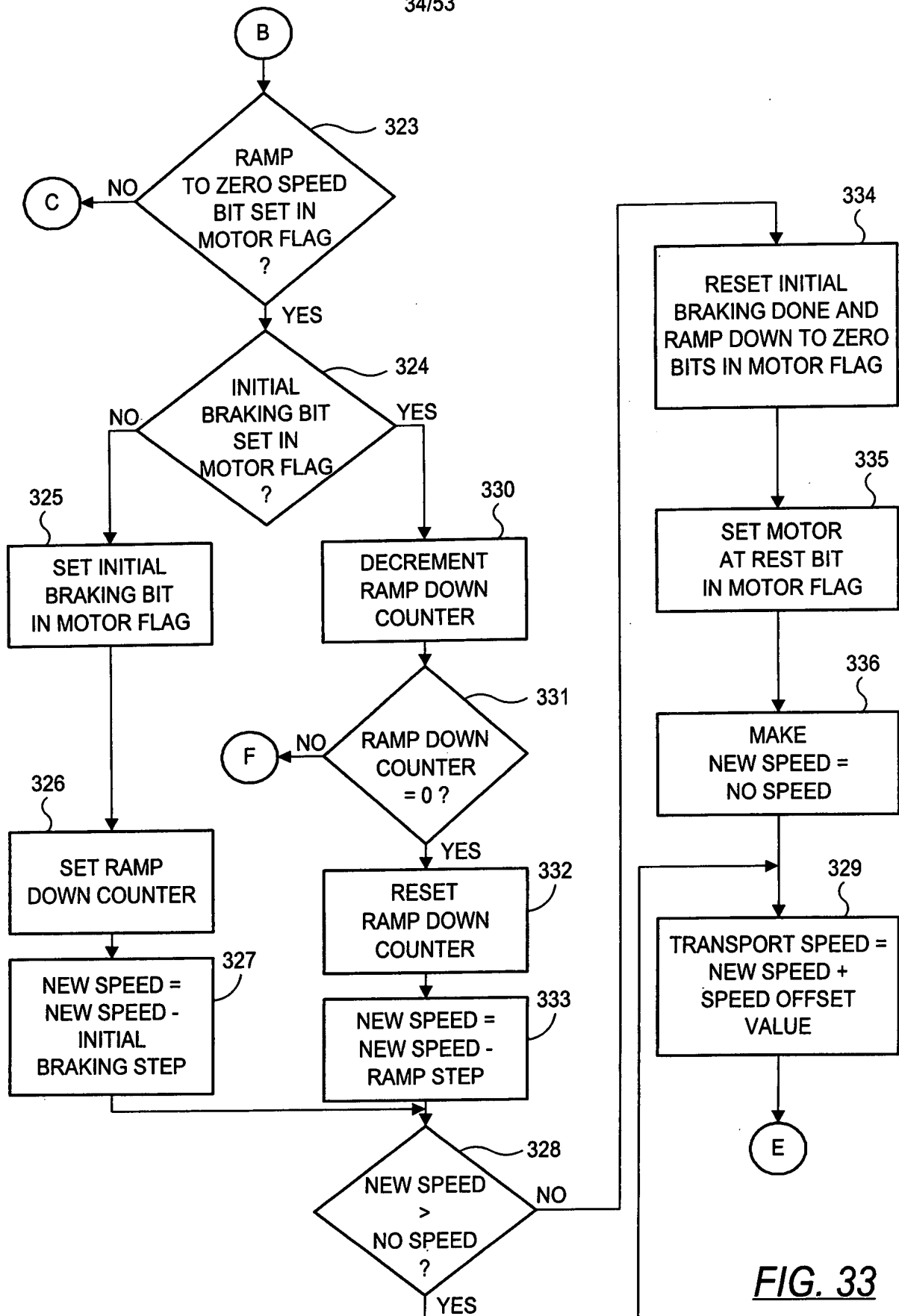


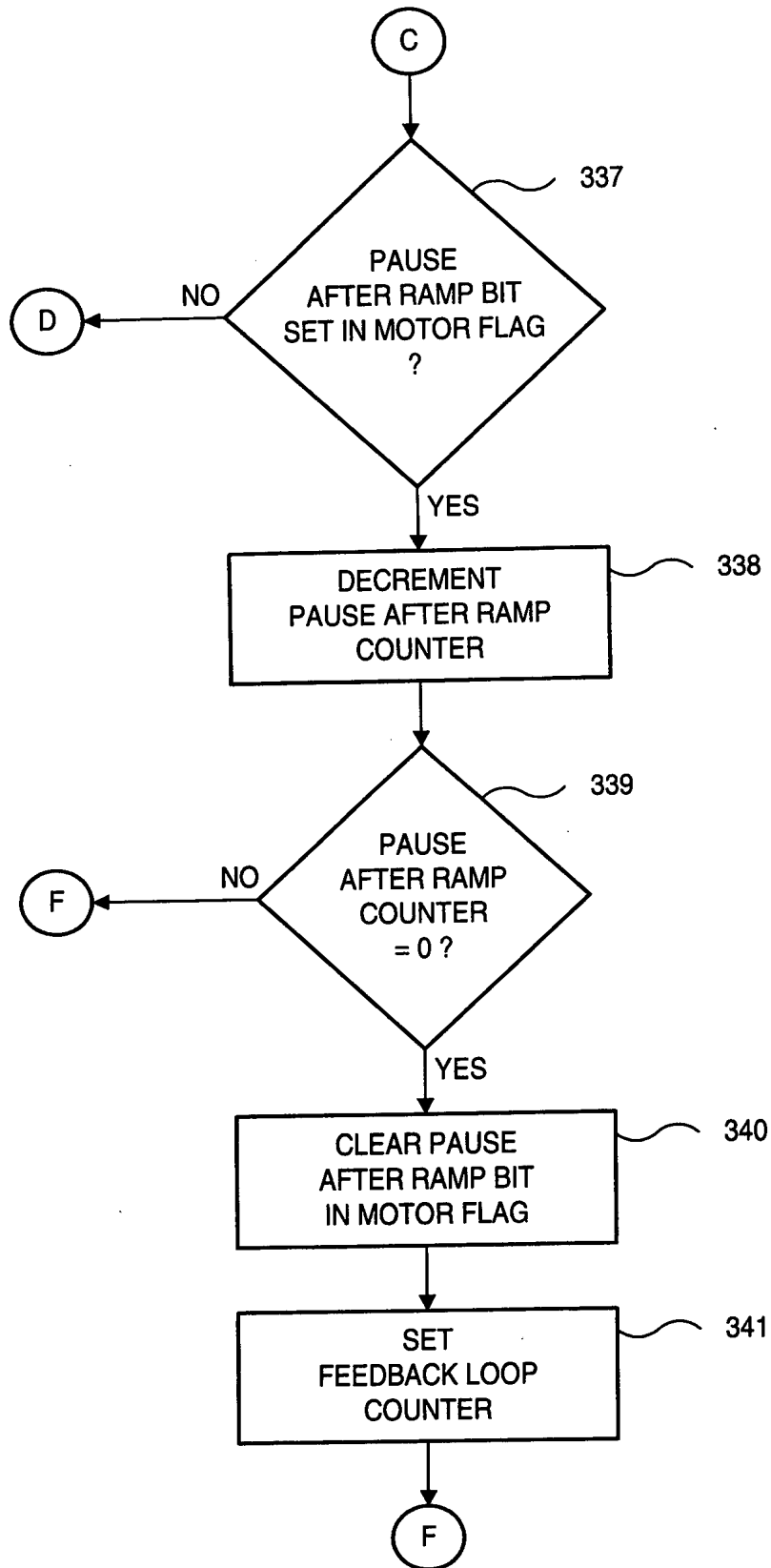
FIG. 33

O.G. FIG.	CLASS SUBCLASS
APPROVED BY	DRAFTSMAN

062750" 82594060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

1362750-82592060

***FIG. 34***

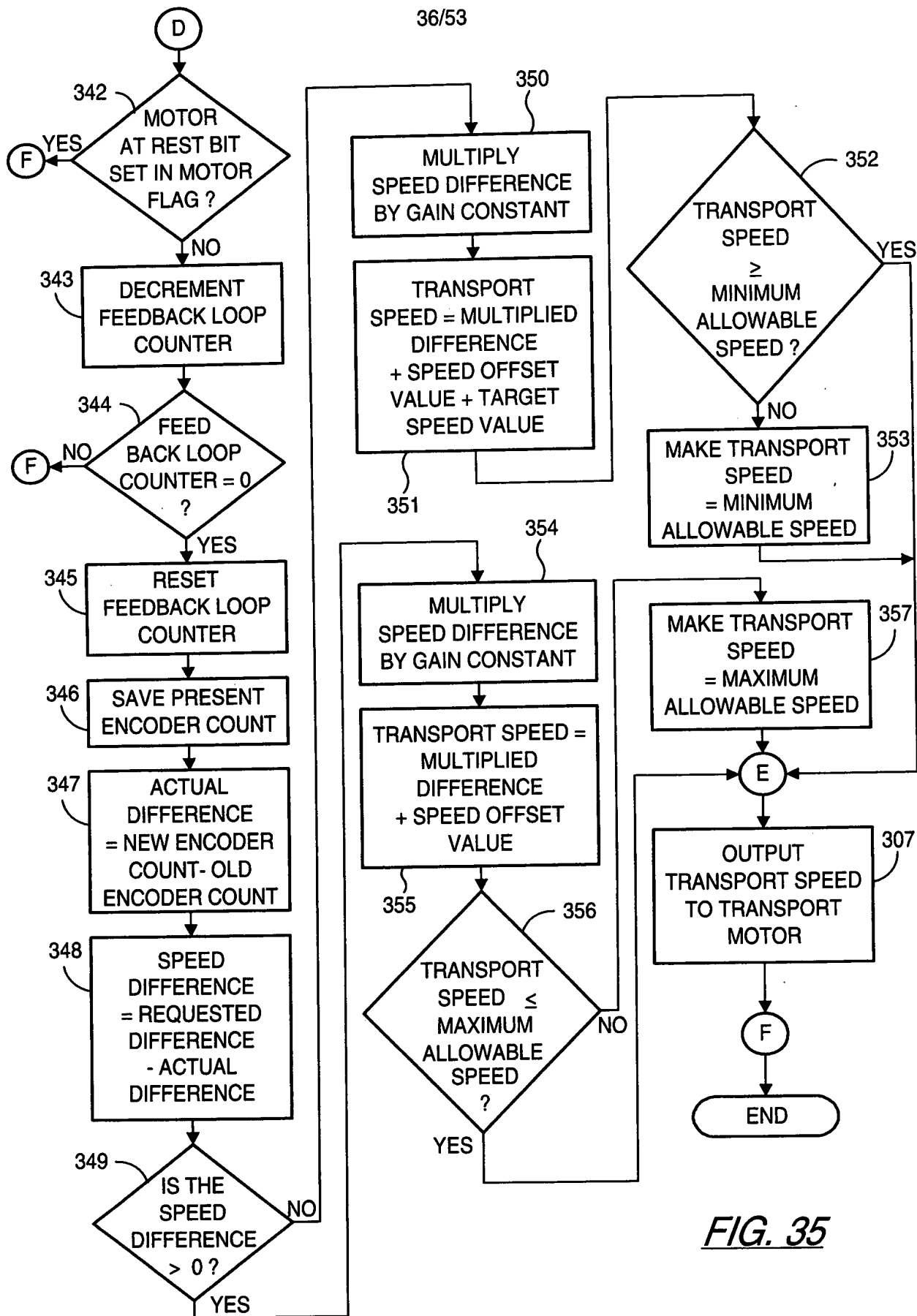


FIG. 35

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

032T50" 82592060

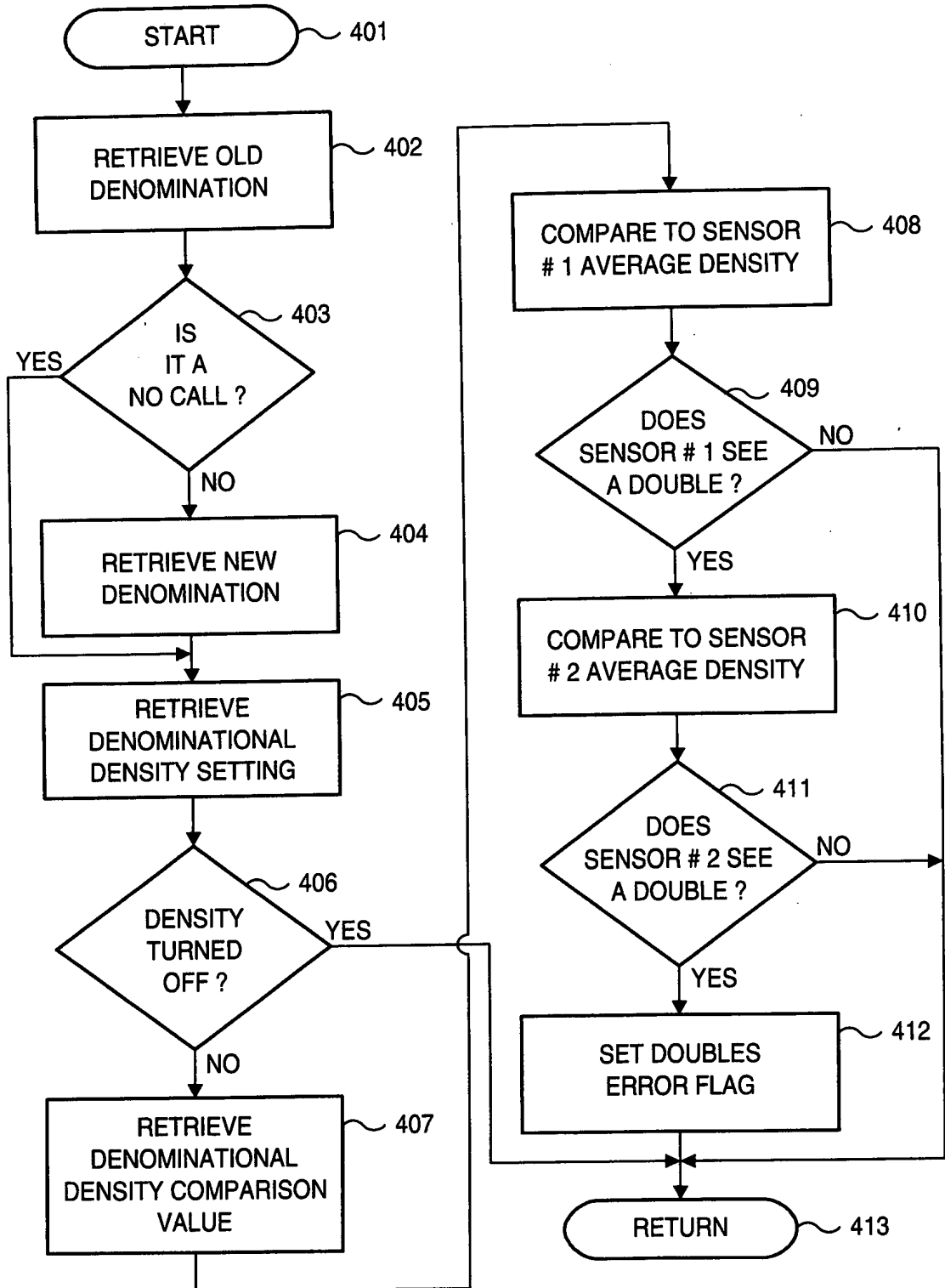
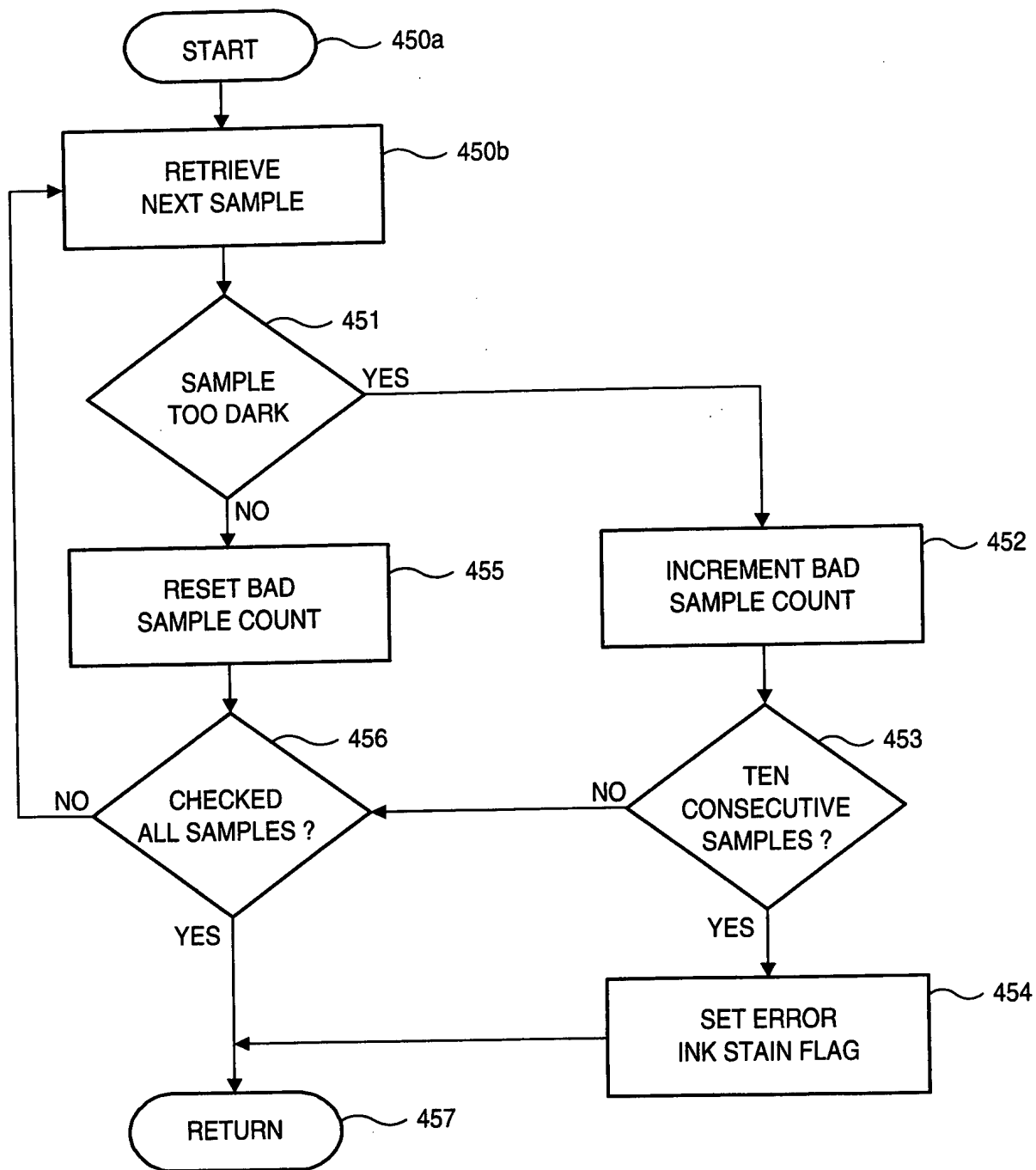


FIG. 36

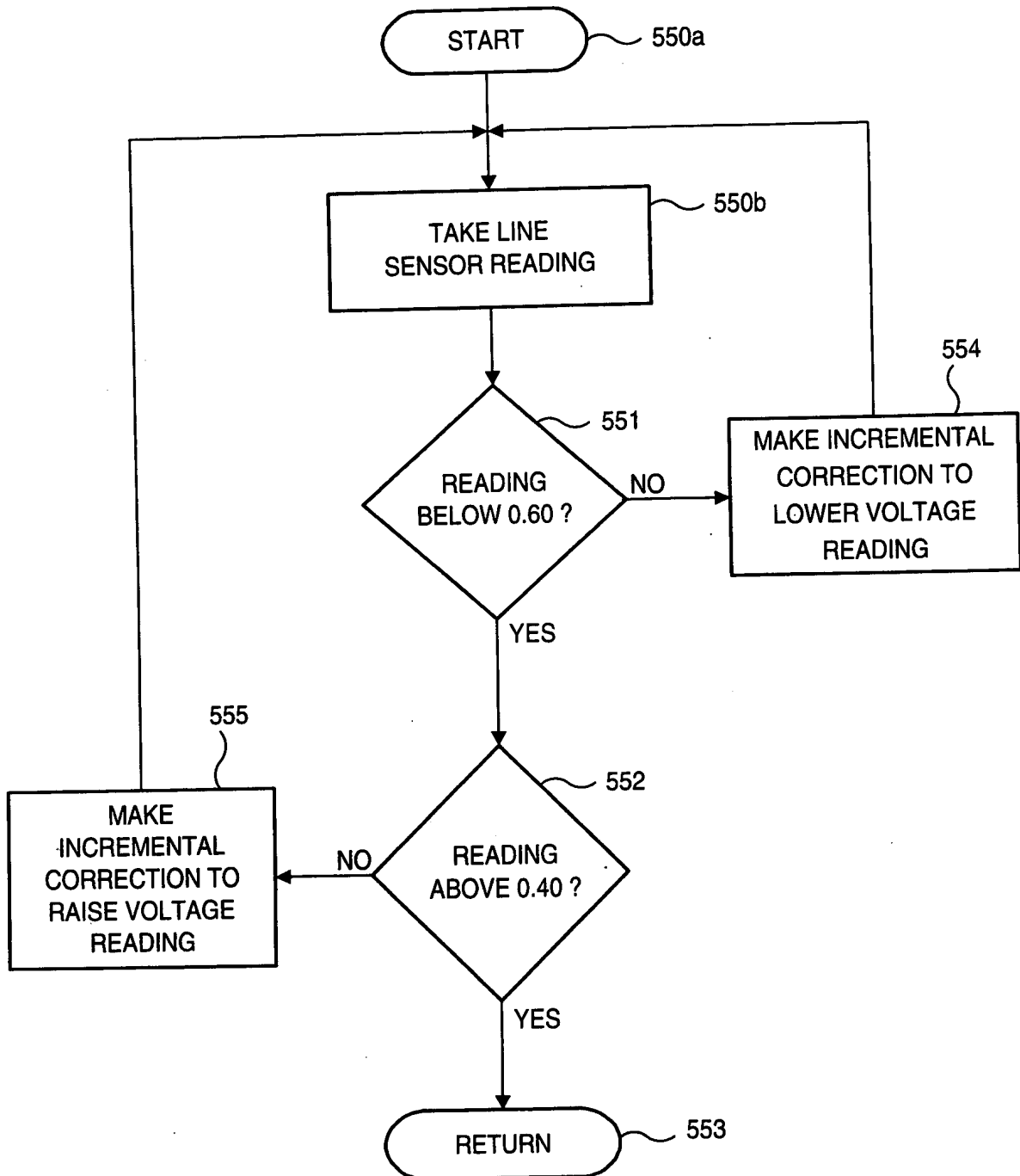
APPROVED	0.0. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

00290" 82592060

**FIG. 37**

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

86250" 8259/060

*FIG.38*

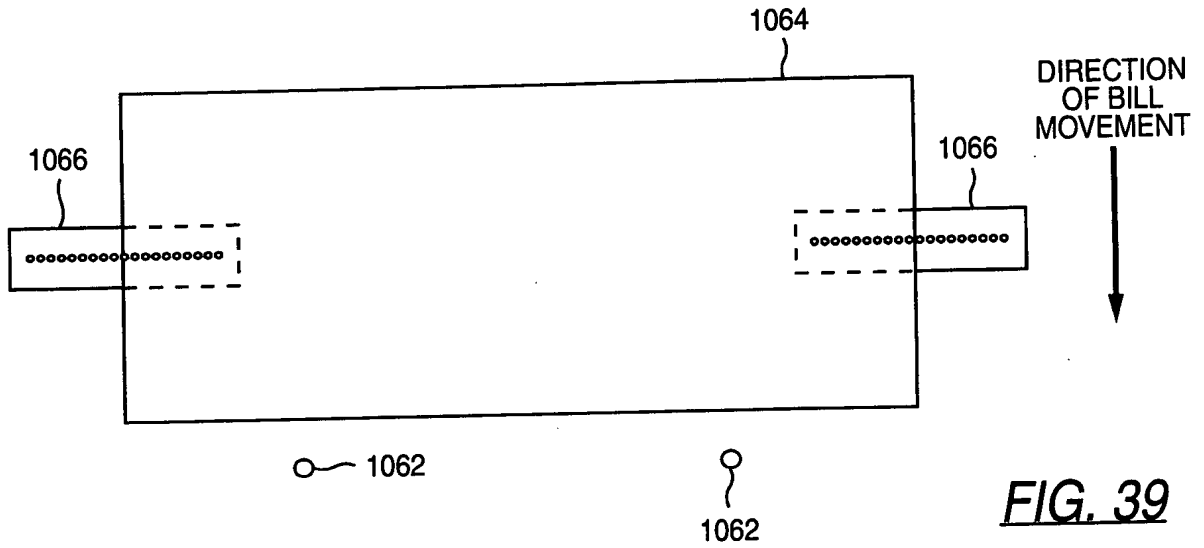


FIG. 39

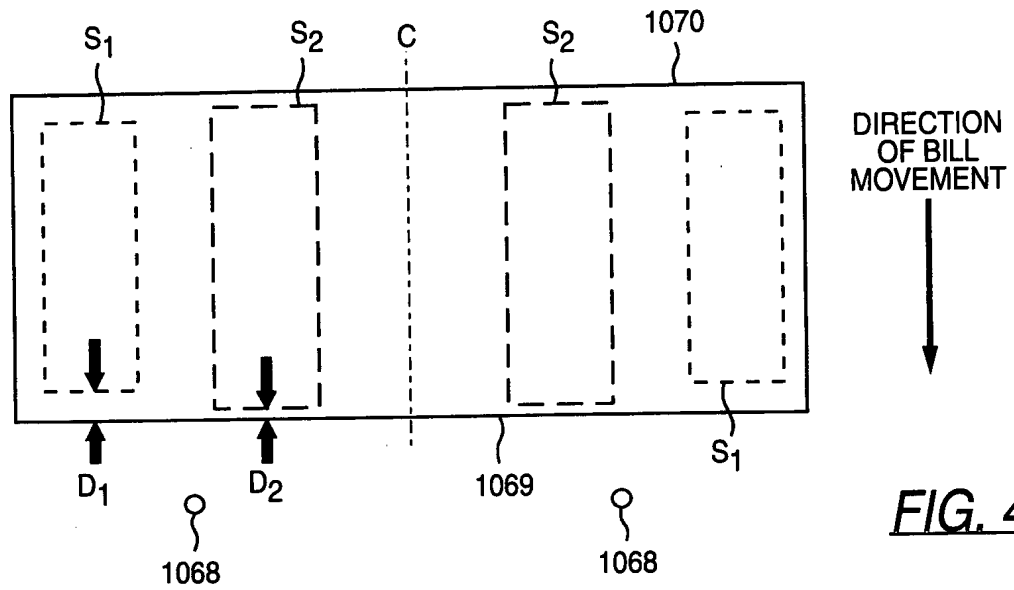


FIG. 40

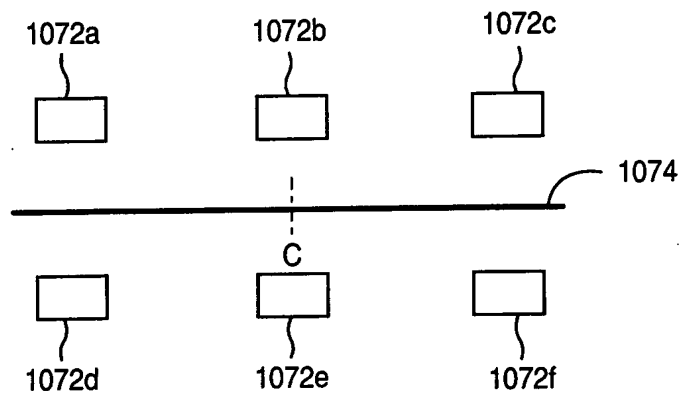


FIG. 42

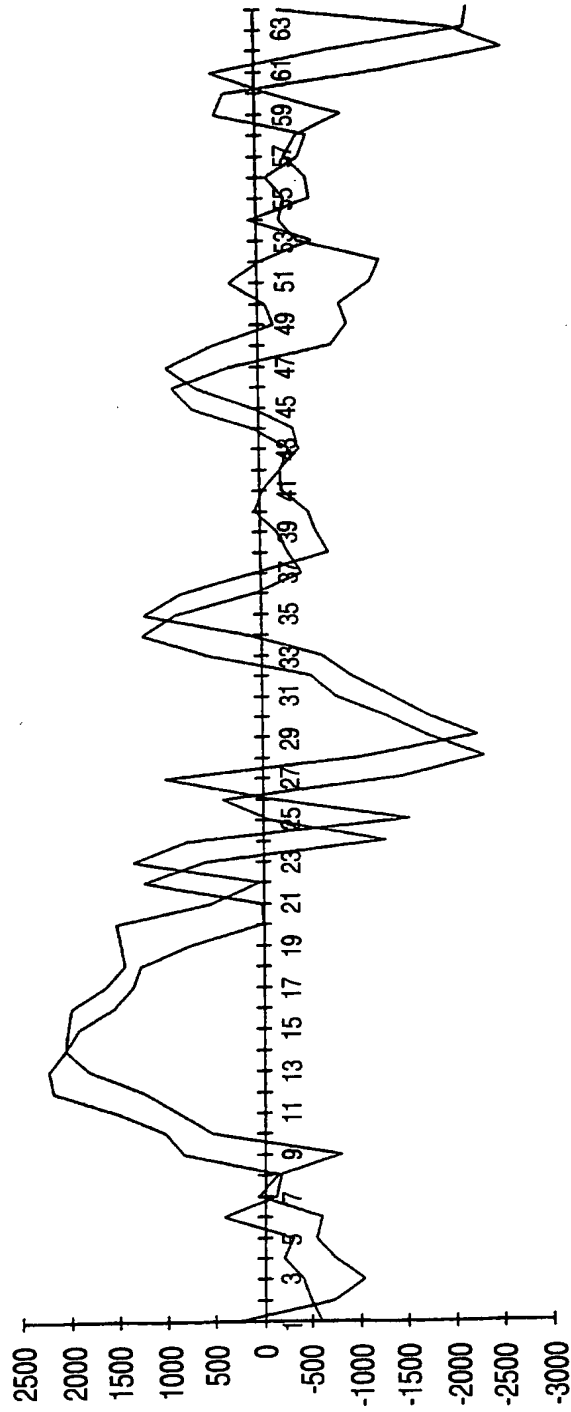
APPROVED	Q.G. FIG.
	CLASS SUBCLASS
BY	
DRAFTSMAN	

062150" 82594060

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362T50" 8259206

\$ 20 BEFORE SHIFTING : CORR = 644



41/53

FIG. 41a

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362F50" 82534060

\$ 20 AFTER SHIFTING : CORR = 966

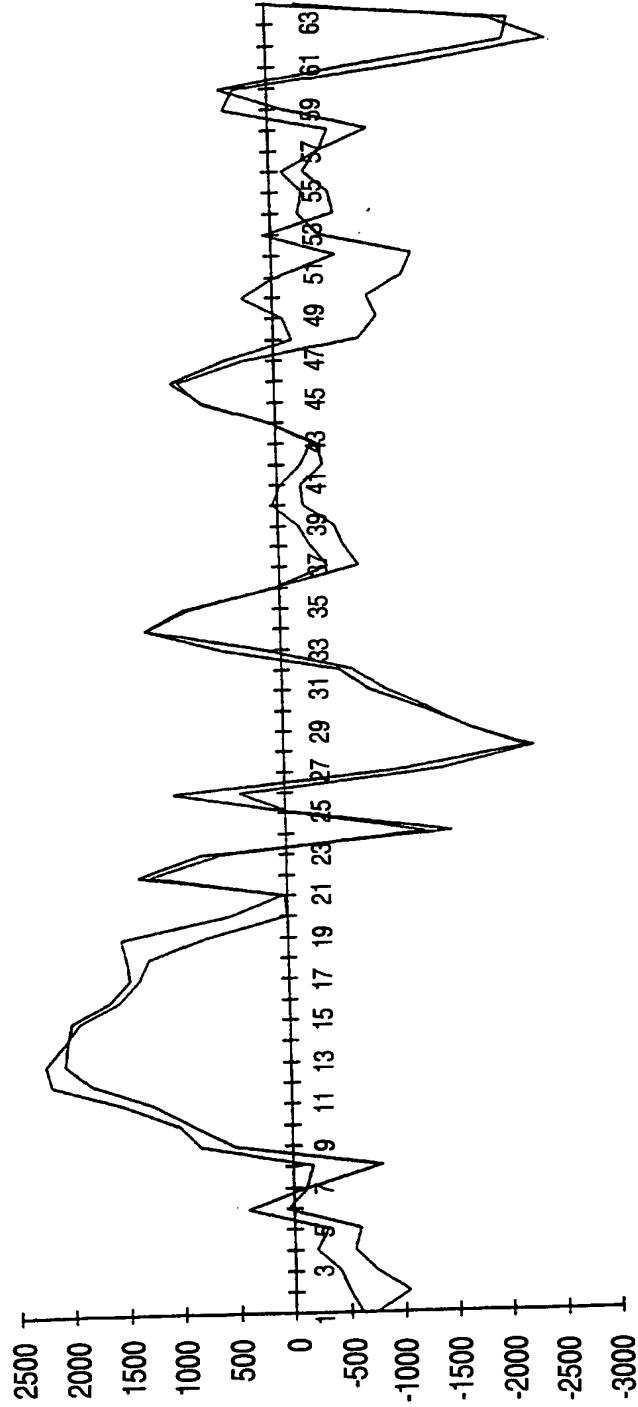
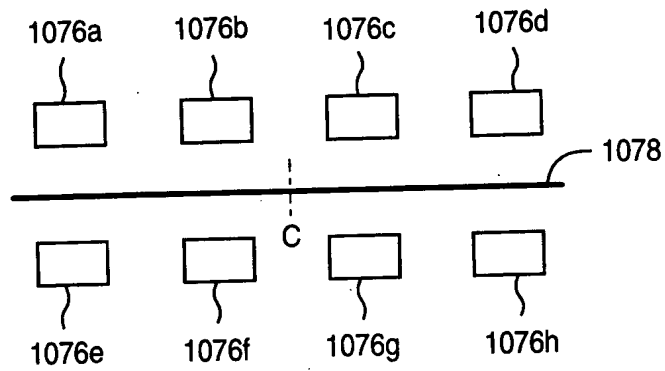
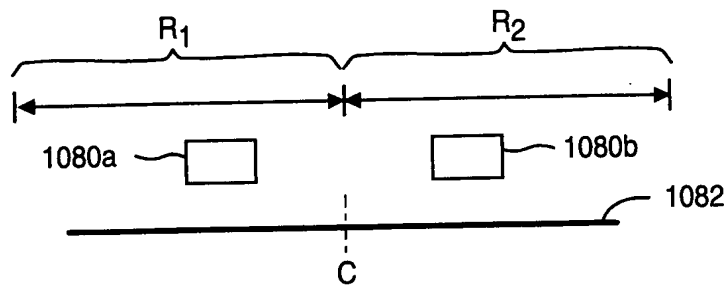
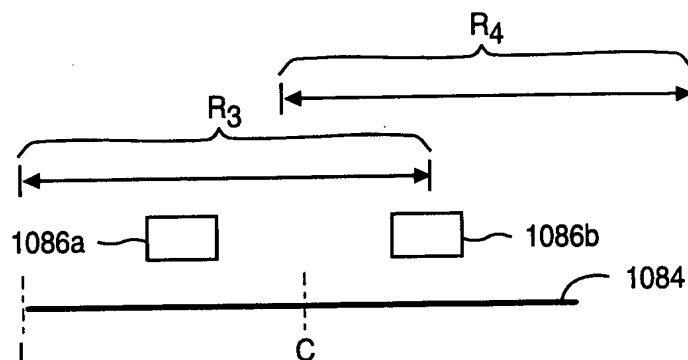


FIG. 41b

FIG. 43FIG. 44FIG. 45

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

062150" B259/060

APPROVED	Q.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

862150" 8259/060

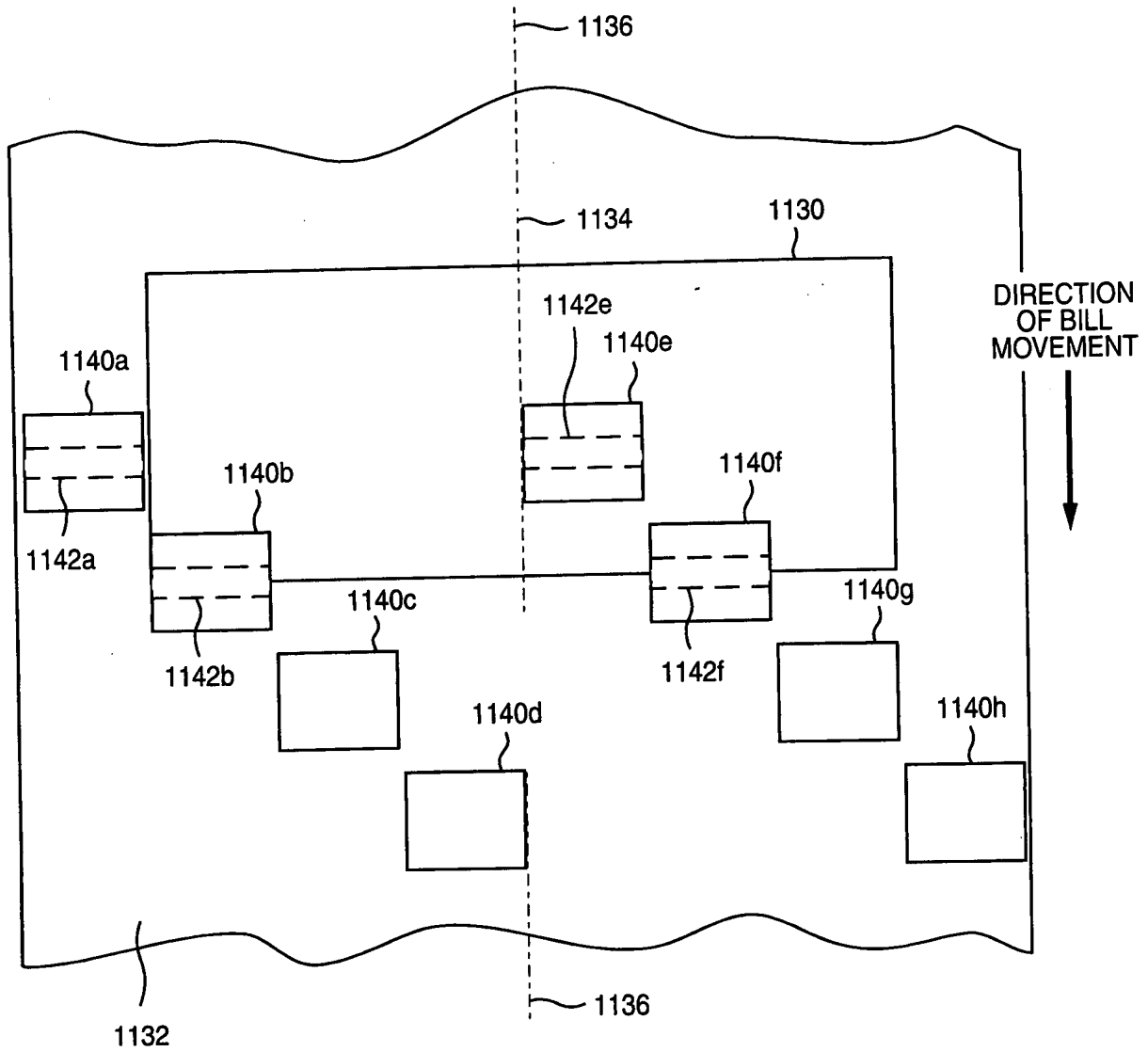


FIG. 46

APPROVED	Q.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362750" 32592060

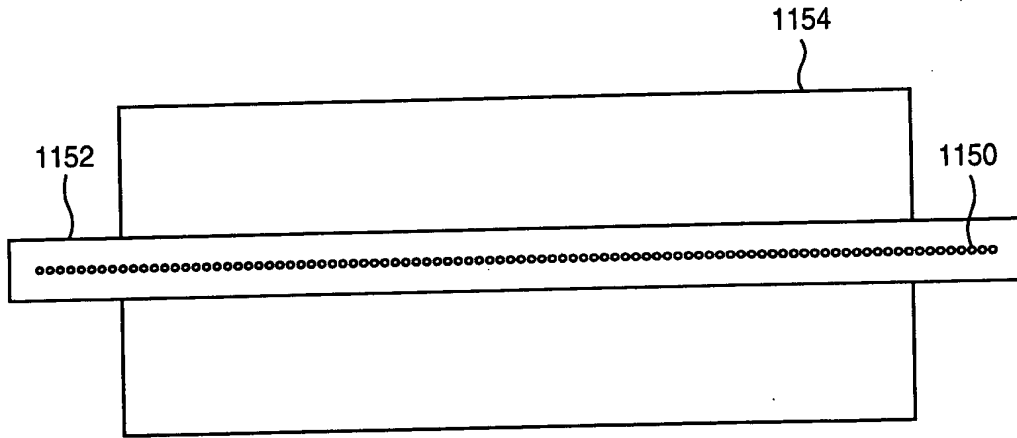


FIG. 47a

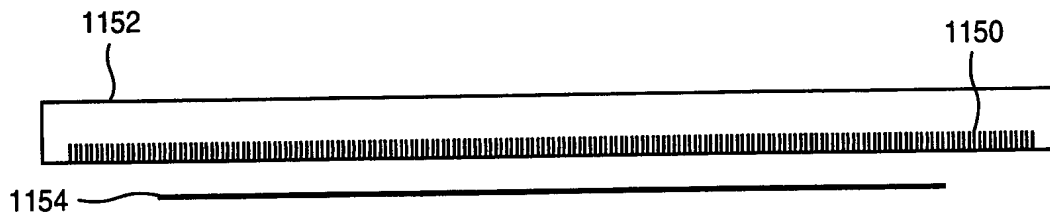


FIG. 47b

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

862F50" 8259/060

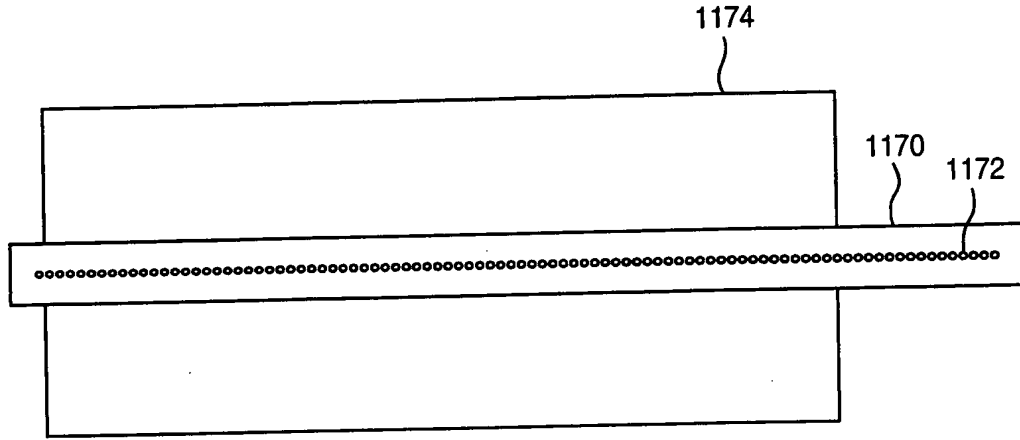


FIG. 48

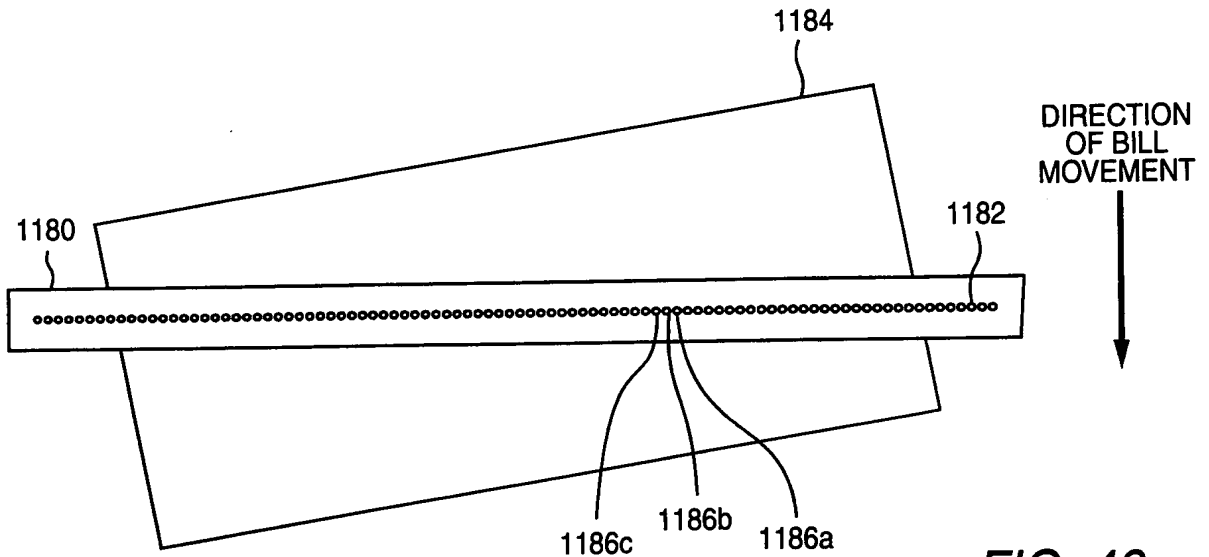
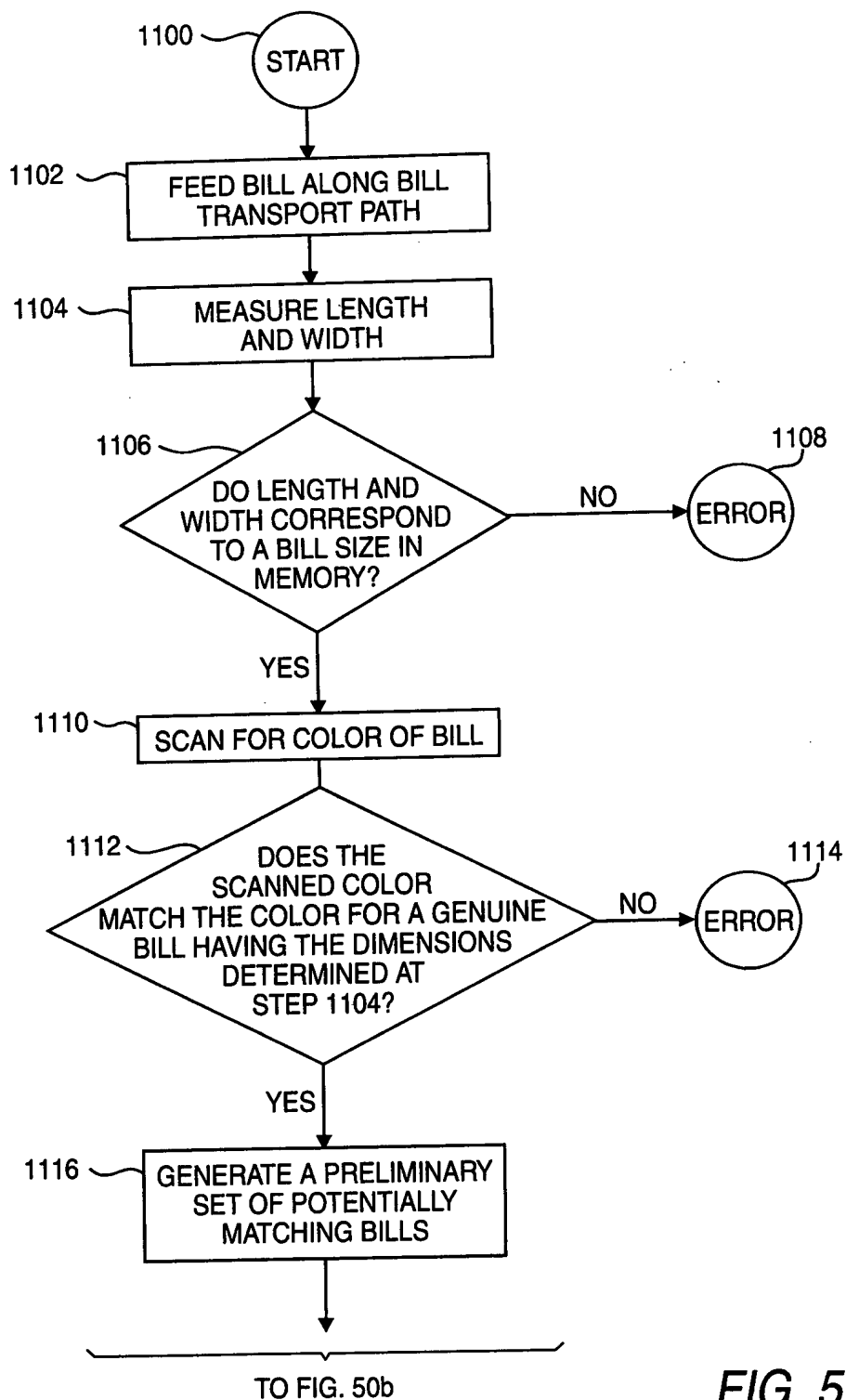


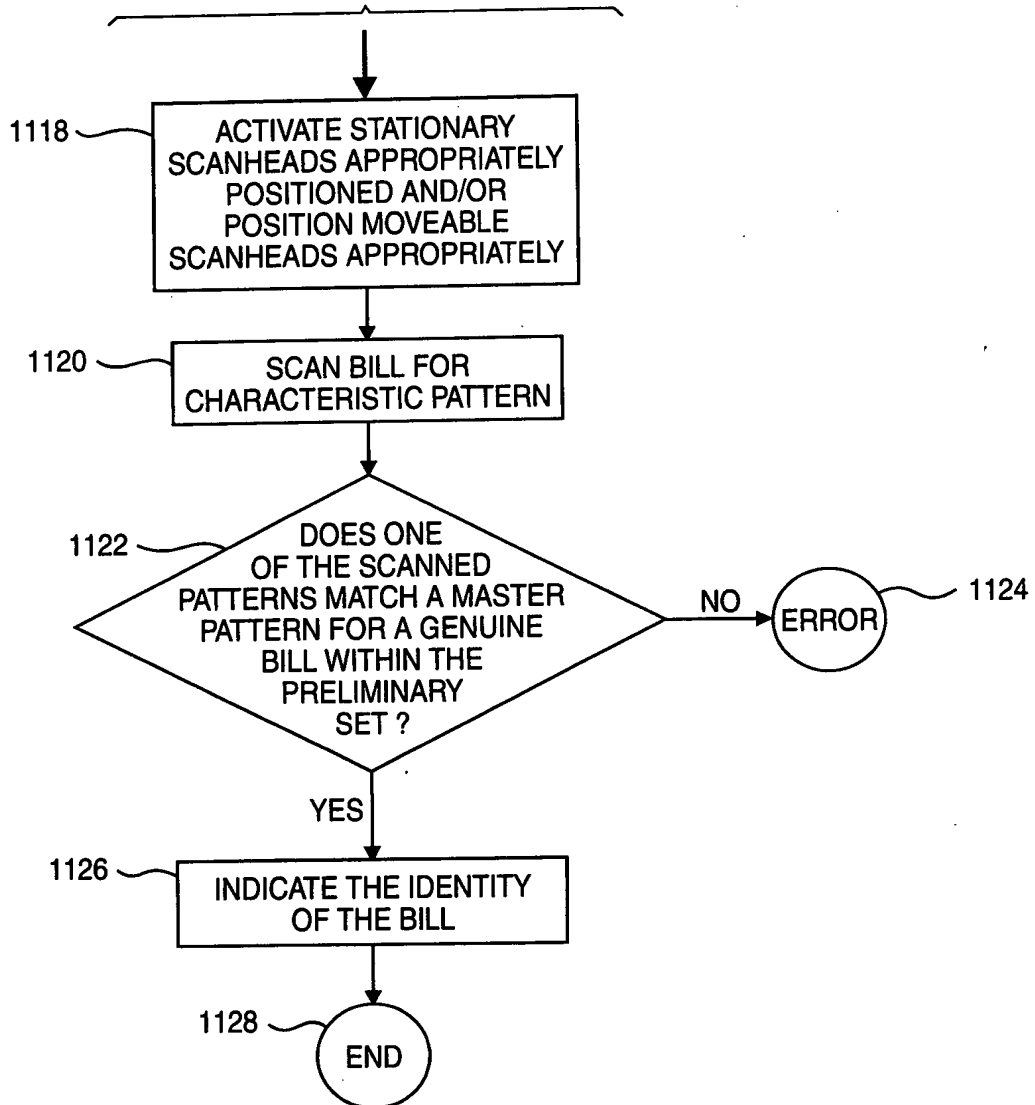
FIG. 49

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

062150" 8259/060

**FIG. 50a**

FROM FIG. 50b

*FIG. 50b*

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

062150" 8259/060

A schematic diagram of a bill processing system 1200. The system is shown within a frame 1216. A large rectangular area 1210 represents the bill. A central vertical dashed line C indicates the center of the bill. A horizontal dashed line represents the center of the bill's width. Three rectangular components are positioned along the center line C: a left component 1204, a central component 1202, and a right component 1206. The left component 1204 is associated with a vertical dashed line L_C and a distance D₄ from the center line C. The right component 1206 is associated with a vertical dashed line R_C and a distance D₄ from the center line C. The central component 1202 is positioned between the left and right components. A distance D₃ is indicated between the horizontal center line and the top edge of the bill. A distance D₄ is indicated between the vertical center line C and the vertical lines L_C and R_C. A curved line 1212 is shown on the left side of the bill, and a curved line 1214 is shown on the right side. An arrow at the bottom right indicates the "DIRECTION OF BILL MOVEMENT".

FIG. 51

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362F50" 8259406

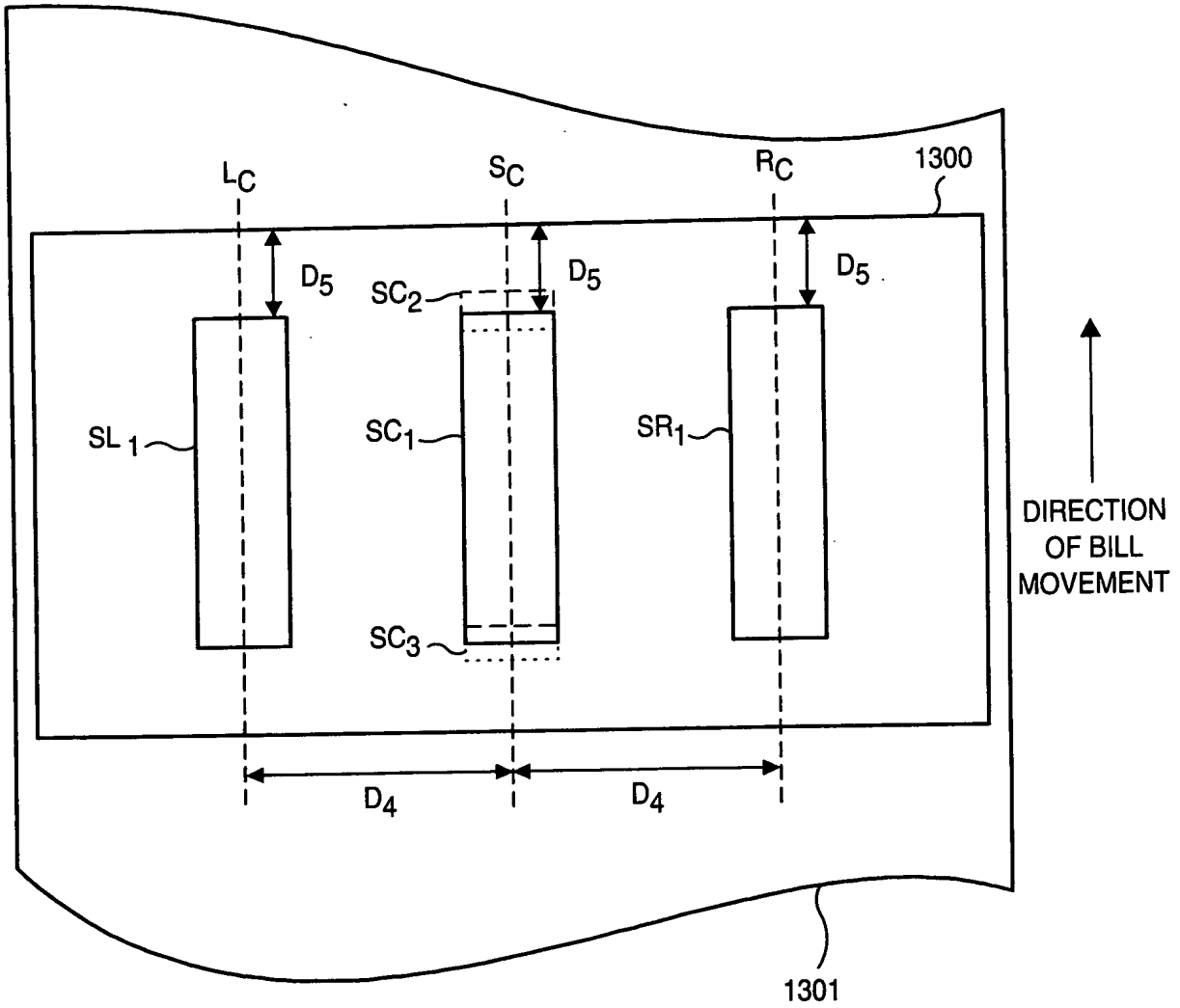


FIG. 52

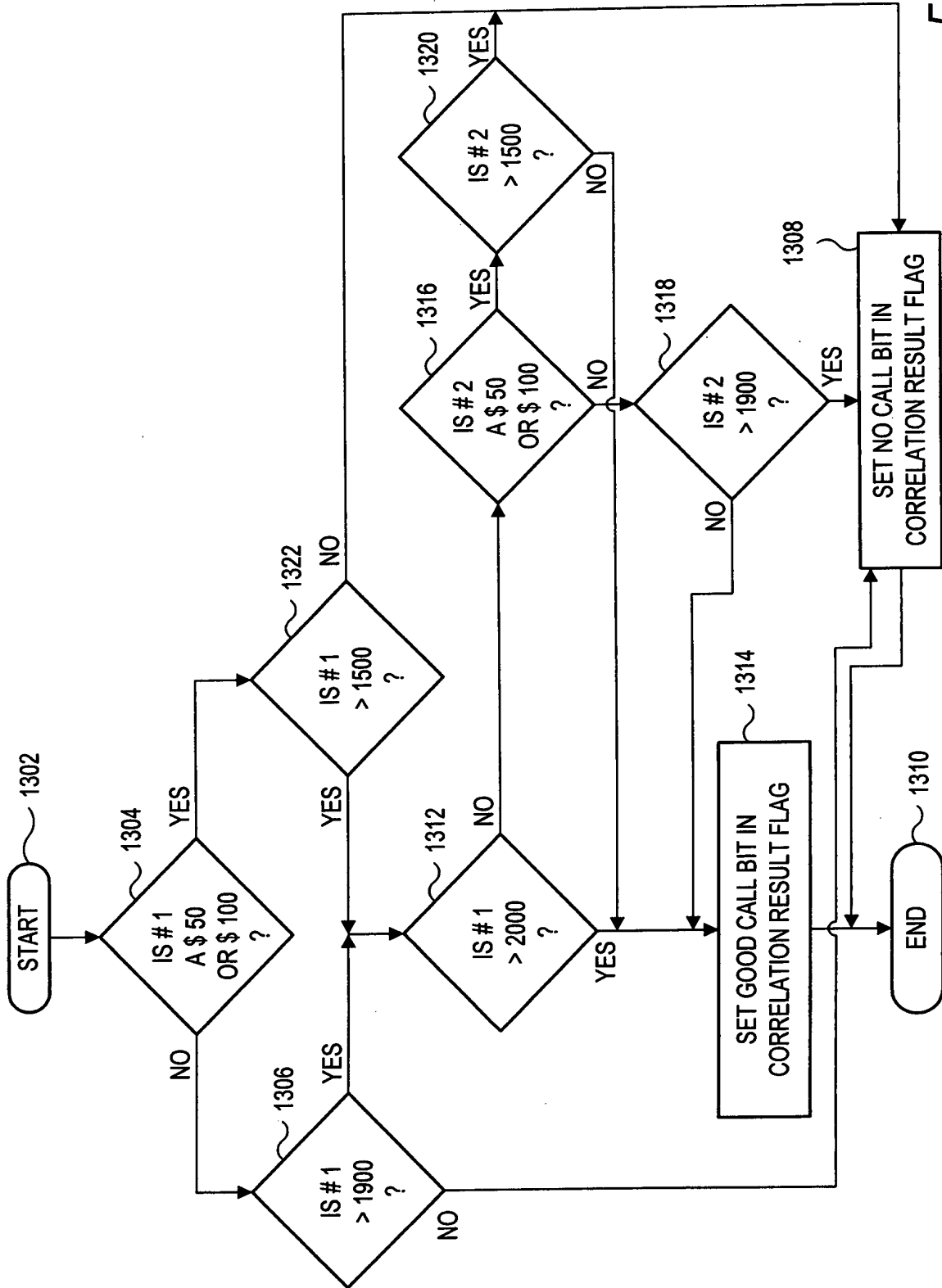
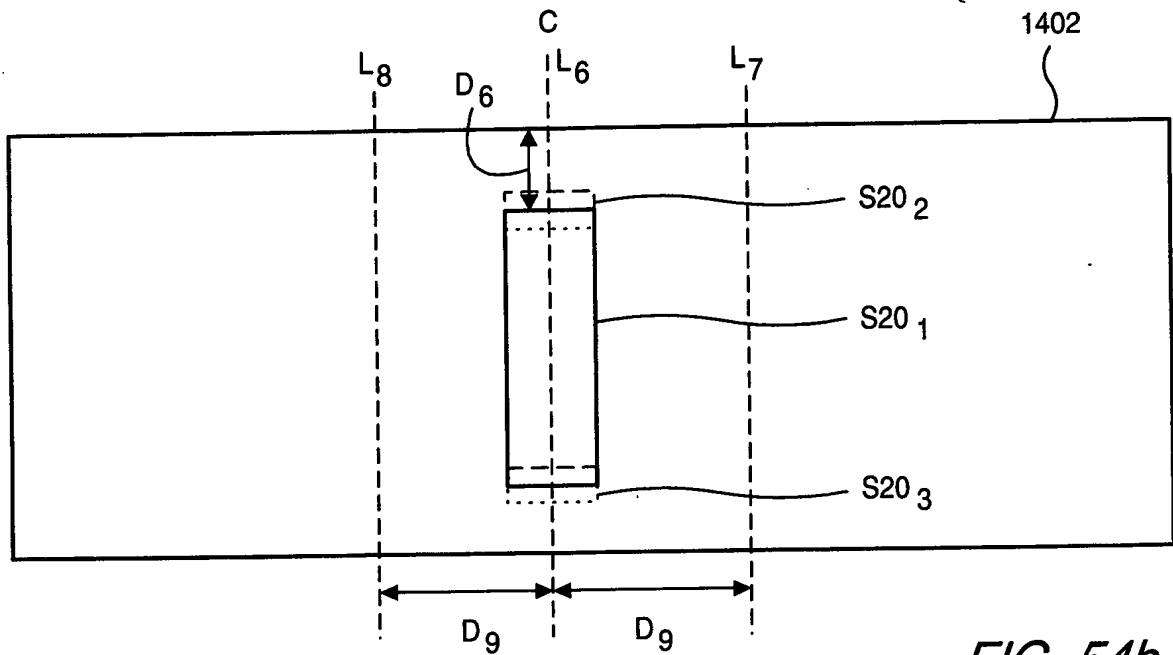
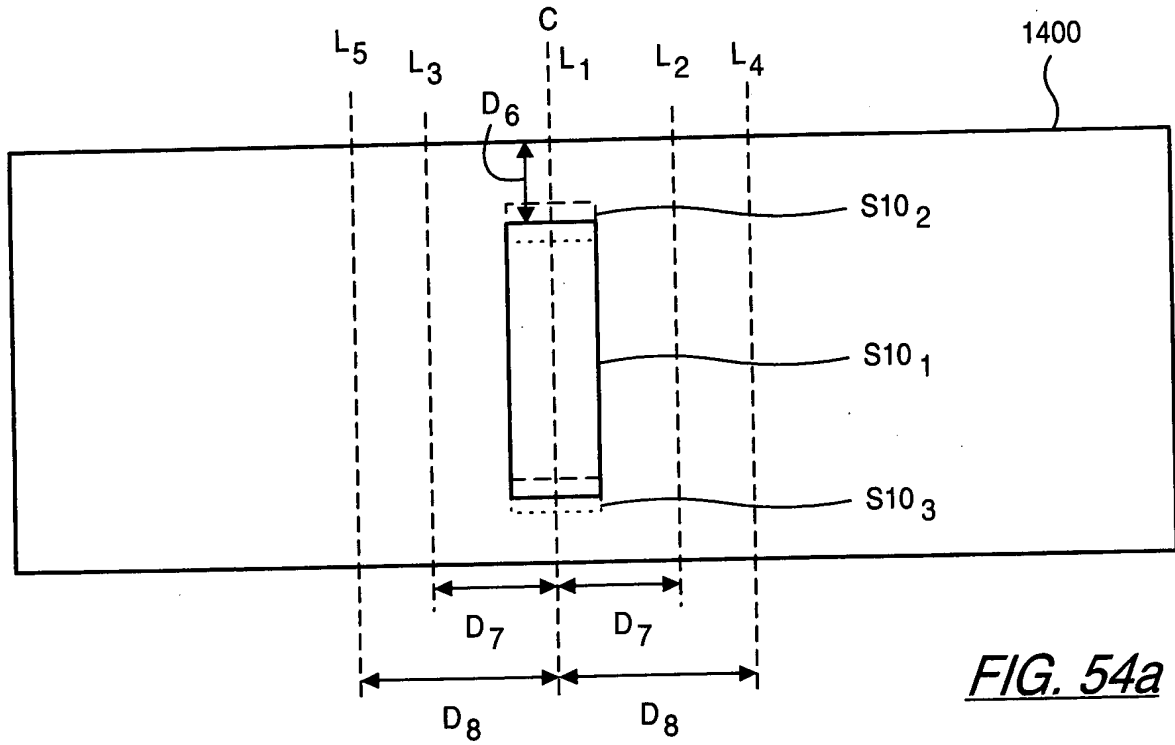


FIG. 53

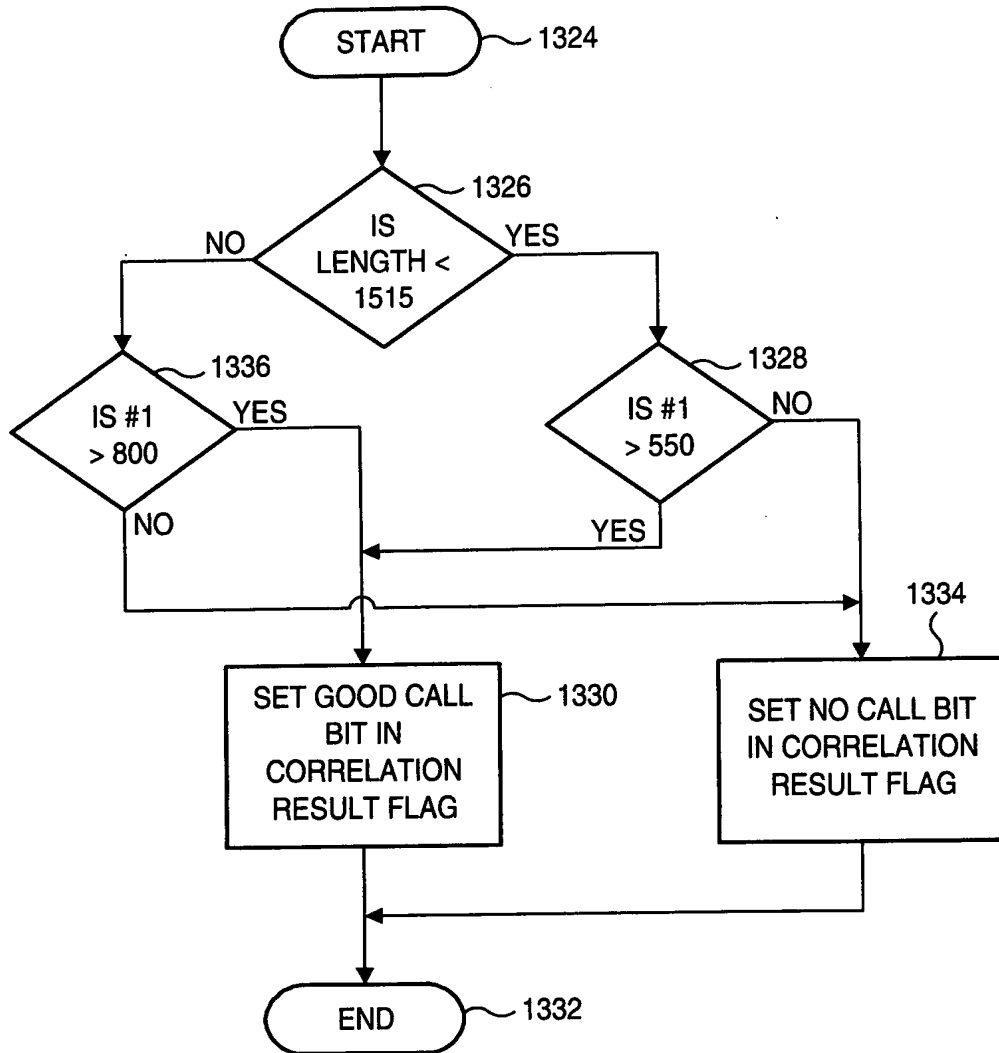
APPROVED	O.G. FIG.	BY	DRAFTSMAN
	CLASS		

862T50" 8259/06



APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

362F50" 3259/06

*FIG. 55*